

# CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

## STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME I - UNCORRECTED ACCELEROGRAMS

PART N - ACCELEROGRAMS IN 185 THROUGH IN 197

ACCELEROGRAMS FROM THE  
SAN FERNANDO, CALIFORNIA, EARTHQUAKE  
OF FEBRUARY 9, 1971

LOG NOS: 71.066, 71.067, 71.068, 71.084,  
71.085, 71.086, 71.119, 71.129,  
71.130, 71.131, 71.140, 71.141,  
71.229.

EERL 72-27

A REPORT ON RESEARCH CONDUCTED UNDER A  
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

APRIL 1973

CALIFORNIA INSTITUTE OF TECHNOLOGY  
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## ABSTRACT

The first set of twenty uncorrected digitized earthquake accelerograms was published in July 1969 as Volume I, Part A, of the present series. That volume also contained introductory material and background information describing the methods used, accuracies, etc., which should be referred to by all users of the data. The San Fernando Earthquake provided records of sufficient importance that the original plan was interrupted after two parts and Part C contained the first of the San Fernando Earthquake accelerograms. This issue continues the San Fernando accelerograms and contains thirteen records consisting of one each from the following locations: Carbon Canyon Dam in Brea, Whittier Narrows Dam in Whittier, San Antonio Dam in Upland, 2516 Via Tejon in Palos Verdes Estates, San Juan Capistrano, Long Beach State College in Long Beach, Anza Post Office in Anza, and three each from buildings located at 1880 Century Park East, and 2500 Wilshire Boulevard in Los Angeles.

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## PREFACE TO VOLUME I, PART N

This issue of uncorrected digitized earthquake records contains data from the San Fernando, California, Earthquake of February 9, 1971. The data from this earthquake appeared first in Volume I, Part C, Report No. EERL 71-20, and this continuation includes records from the following locations:

1. Carbon Canyon Dam, in Brea
2. Whittier Narrows Dam, in Whittier
3. San Antonio Dam, in Upland
4. 1880 Century Park East, Los Angeles (3 records)
5. 2516 Via Tejon, Palos Verdes Estates
6. 2500 Wilshire Boulevard, Los Angeles (3 records)
7. San Juan Capistrano
8. Long Beach State College, Long Beach
9. Anza Post Office, Anza

Reference may be made to Volume I, Part A, Report No. EERL 70-20 for introductory material, and to Volume I, Part G, Report No. EERL 72-20 for details of 70 mm film preparation.

Further comments on the records in this report and their digitizations follow.

IN 185, 186, 187. Carbon Canyon Dam in Brea, Whittier Narrows Dam in Whittier, San Antonio Dam in Upland. These three records were digitized for their entire lengths of 44, 59, and 30 seconds, respectively.

IN 188, 189, 190. 1880 Century Park East, Los Angeles. 1st Level Parking, 7th Floor, and Penthouse. The 1st level record showed intermittent hesitations in the photographic film transport. The first occurred 15-1/2 seconds after triggering and subsequently at 23-1/2, 34-1/4, and 43-1/2 seconds. The durations of these pauses were estimated from the time marks surrounding the points in question and vary between 0.12 and 0.20 seconds. These same time marks were used to adjust the

records, stretching the digitized values at the points to properly fill the half-second timing intervals. Digitizing stopped at 45 seconds, although the record continued to 57 seconds with three more hesitations in this last portion.

The 7th Floor record was digitized to 55 seconds, the record continuing for two more seconds.

The Penthouse record was digitized to 56 seconds, one second short of the end. At approximately 30 seconds after the start of the record, close to the arrival time of the first aftershock, a vibration was recorded on all three traces, predominantly the vertical. The frequency of the vibration, 29.5 cps, is the same on all three traces, slightly higher than the natural frequencies of the transducers as indicated in the calibration runs on this record. This seems to indicate that the phenomenon is not a transducer failure, and its cause is not yet known. In the corrected record, to be published in Volume II, Part N, this vibration has been filtered out since it is at a higher frequency than the upper limit of 25 cps.

IN 191. 2516 Via Tejon, Palos Verdes Estates. This ground level record was digitized for the entire 70 second length.

IN 192, 193, 194. 2500 Wilshire Boulevard, Los Angeles, Basement, 8th Floor and Roof. All records were digitized for their 25 second length.

IN 195. San Juan Capistrano. The record was digitized to 99 seconds and continued to 107 seconds.

IN 196. Long Beach State College. The record was digitized to 53 seconds and continued to 147 seconds.

IN 197. Storage Room of the Anza Post Office. The record was digitized for its complete length of 43 seconds.

Several comments which apply to every report of the Volume I series of uncorrected digitized data are included in the next section.

In conclusion we should like to express our gratitude to our regular digitizers whose specific work is slowly drawing to an end, and to Mr. Vincent Lee, who is carrying out the various details for the production of the Volume I series of tapes with special care and attention. We should like to express our appreciation to Miss Barbara Turner for the typing and editing, to the staff of the Willis H. Booth Computing Center, and to the Caltech Graphic Arts Facilities. We acknowledge the general support of the Earthquake Research Affiliates program, the grants from the National Science Foundation, and the cooperation of the Seismological Field Survey of the National Oceanic and Atmospheric Administration.

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D. E. Hudson

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### Notes on the Volume I Series of Reports

In addition to some of the information in the preceding Abstract and Preface, there are some facts pertaining to the Volume I series which will appear in these Notes in this and future reports.

Parts A and B contained data from records dating from the Long Beach Earthquake of March 10, 1933, and included three records from the Borrego Mountain, California, Earthquake of April 8, 1968. Part C contained the first of the records from the San Fernando, California, Earthquake of February 9, 1971, a sufficiently important earthquake that all the records considered suitable for standard digitizing will be included in the issues following Part C.

The preface to Part A contained details of preparation for digitization of photographic paper records while Part G contained the details for 70 mm film preparation.

A thorough description of the naming of component directions of the records was given in Part M. Consistent with this, the component direction, where it appears in this report, refers to the direction of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the transducer pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base, and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. For those applications requiring true ground motion, therefore, the directions as given in standard data in this series of reports, derived from the Seismological Field Survey, will need to be reversed.

Some reproductions in the publication "United States Earthquakes" issued by the National Oceanic and Atmospheric Administration (formerly the Coast and Geodetic Survey) have reversed component directions to indicate true ground motion. A few special cases of incorrect component description, a result of these reversed component directions, appeared in Parts A and B and a complete list of their correct directions was included in Part M.

The plots following the computer printouts contain arrows indicating the length of the digitized portion in each film set-up on the digitizing table. Where it has been considered necessary, each individual trace has asterisks inserted in the computer printout next to the coordinates of the points corresponding to these arrows.

All of the reports in this Volume I contain references concerning particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service  
U. S. Department of Commerce  
Springfield, Virginia 22151.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period T <sub>0</sub> , (sec)	Sens. * (cm/g)	Damp* Ratio, ε	Damp* % crit.
IN185	71.066	RFT-250 131	108 Carbon Canyon Dam Brea	S50E S40W Down	0.046 0.045 0.045	1.9* 1.9* 1.9*	10.3 11.5 10.1	59.6 61.4 59.2
IN186	71.067	RFT-250 130	289 Whittier Narrows Dam Whittier	S37E S53W Down	0.044 0.046 0.044	1.9* 1.9* 1.9*	11.3 9.2 10.0	61.0 57.6 59.1
IN187	71.068	RFT-250 132	287 Upland San Antonio Dam	N15E N75W Down	0.044 0.046 0.045	2.0* 1.9* 1.9*	11.3 9.9 6.3	61.1 59.0 50.4
IN188	71.084	SMA-1 121	440 Los Angeles, 1880 Century Pk. East, Parking, 1st Level	N54E N36W Down	0.040 0.040 0.037	1.92 1.82 1.64	6.7 8.9 9.2	51.8 57.1 57.8
IN189	71.085	SMA-1 115	441 Los Angeles, 1880 Century Pk. East, 7th Floor	N54E N36W Down	0.043 0.044 0.041	1.85 1.87 1.74	9.3 9.3 8.3	57.9 57.9 55.9
IN190	71.086	SMA-1 111	442 Los Angeles, 1880 Century Pk. East, Penthouse	N54E N36W Down	0.040 0.037 0.039	1.85 1.53 1.68	11.0 5.4 6.6	60.7 47.4 51.4
IN191	71.119	RFT-250 138	411 Palos Verdes Estates 2516 Via Tejon, Ground Level	N65E S25E Down	0.066 0.066 0.060	3.8* 3.8* 3.8*	8.5 8.5 8.5	56.3 56.4 56.3
IN192	71.129	SMA-1 130	449 Los Angeles, 2500 Wilshire Boulevard, Basement	N29E N61W Down	0.039 0.041 0.038	1.96 2.00 1.83	6.9 9.9 9.7	52.5 59.0 58.6

\*See footnotes at end of table.

INSTRUMENT CHARACTERISTICS FOR THE SAN FERNANDO EARTHQUAKE, 2-9-71, 0600 PST (cont.)

Series Ref. No.	Caltech Log No.	Instrmt; Serial No.	Station No.; Location	Component* Direction	Period T <sub>o</sub> (sec)	Sens. * (cm/g)	Damp* Ratio, ε	Damp* % crit.
IN193	71.130	SMA-1 129	450 Los Angeles, 2500 Wilshire Boulevard, 8th Floor	N29E N61W Down	0.040 0.039 0.040	2.02 1.90 2.00	7.7 6.6 10.6	54.5 51.6 60.1
IN194	71.131	SMA-1 131	451 Los Angeles, 2500 Wilshire Boulevard, Roof	N29E N61W Down	0.043 0.039 0.041	1.92 2.04 1.90	12.4 6.2 6.1	62.5 50.2 49.8
IN195	71.140	RFT-250 180	465 San Juan Capistrano	N33E N57W Down	0.047 0.047 0.048	1.99 1.91 1.90	14.4 17.8 14.3	64.7 67.6 64.7
IN196	71.141	RFT-250 184	132 Long Beach, Long Beach State College, Ground Level	N76W S14W Down	0.046 0.047 0.046	1.9* 1.9* 1.9*	16.5 8.6 14.7	66.5 56.4 65.0
IN197	71.229	RFT-250 181	103 Anza, Anza Post Office Storage Room	N45E N45W Down	0.047 0.047 0.046	1.9* 1.9* 1.9*	13.0 14.9 8.5	63.2 65.2 56.3

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\*Static Magnification,  $V_s = \omega_n^2 \cdot \text{Sensitivity} = \left( \frac{2\pi}{T_o(\text{sec})} \right)^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Asterisked sensitivities are nominal values.

Damping Ratio,  $\epsilon = \exp \left[ \pi n / \sqrt{1 - n^2} \right]$  where n is the fraction of critical damping.

Periods and damping values have been obtained by direct measurement of the calibration test records appearing at the beginning and end of the earthquake records.

The component direction is that of pendulum motion for the trace to be deflected "up", as described in the Preface.

Earthquake Data

The San Fernando, California, Earthquake of February 9, 1971,  
0600 PST; epicenter,  $34^{\circ}24.0'N$ ,  $118^{\circ}23.7'W$ ; maximum intensity, XI;  
magnitude, ( $M_L$ ), 6.6; depth, 13.0 km.



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IN185

71.066 2/9/71 0600PST CARBON CANYON DAM

3055

2895 POINTS 43.505 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1220 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.058	0.001	-0.058	0.011	-0.008	0.019	0.011	1.511	-0.070	1.516	-0.027	1.520	0.029	1.524	0.113	1.524	0.113
0.024	0.032	0.030	0.038	0.036	0.039	0.043	0.025	1.529	0.197	1.534	0.249	1.540	0.277	1.540	0.289	1.540	0.289
0.050	-0.001	0.056	-0.020	0.060	-0.004	0.066	-0.091	1.556	0.205	1.556	0.205	1.563	0.086	1.564	0.010	1.564	0.010
0.073	-0.102	0.076	-0.166	0.085	-0.102	0.096	-0.082	1.569	-0.042	1.571	-0.053	1.571	-0.157	1.576	-0.241	1.576	-0.241
0.105	-0.046	0.110	-0.034	0.119	0.002	0.133	0.038	1.581	-0.336	1.588	-0.424	1.588	-0.424	1.588	-0.424	1.588	-0.424
0.147	0.035	0.154	0.007	0.163	-0.037	0.167	-0.077	1.611	-0.344	1.622	-0.248	1.622	-0.144	1.632	-0.065	1.632	-0.065
0.170	-0.105	0.178	-0.141	0.182	-0.173	0.187	-0.193	1.638	-0.013	1.645	0.047	1.654	0.047	1.667	0.071	1.667	0.071
0.195	-0.205	0.206	-0.185	0.212	-0.164	0.221	-0.108	1.680	0.039	1.687	-0.068	1.692	-0.080	1.697	-0.112	1.697	-0.112
0.232	0.080	0.239	0.056	0.244	-0.040	0.253	-0.044	1.702	-0.108	1.710	-0.027	1.725	-0.215	1.735	-0.128	1.735	-0.128
0.261	-0.048	0.272	-0.083	0.272	-0.087	0.278	-0.111	1.740	-0.160	1.743	-0.016	1.748	0.044	1.755	-0.108	1.755	-0.108
0.284	-0.147	0.292	-0.167	0.301	-0.202	0.311	-0.166	1.761	0.211	1.775	0.247	1.785	0.211	1.793	0.144	1.793	0.144
0.312	-0.166	0.323	-0.075	0.329	-0.019	0.339	0.033	1.758	0.080	1.802	0.032	1.803	-0.016	1.808	-0.111	1.808	-0.111
0.340	0.057	0.341	0.073	0.351	0.130	0.359	0.098	1.812	0.171	1.818	-0.263	1.823	-0.327	1.837	-0.335	1.837	-0.335
0.366	0.038	0.375	-0.021	0.385	-0.060	0.395	-0.028	1.846	-0.283	1.851	-0.247	1.855	-0.184	1.861	-0.068	1.861	-0.068
0.404	0.017	0.414	0.061	0.421	0.089	0.426	0.106	1.865	-0.008	1.869	0.051	1.873	0.135	1.881	0.231	1.881	0.231
0.440	0.087	0.453	0.075	0.463	0.056	0.474	0.024	1.889	0.271	1.889	0.271	1.905	0.151	1.911	0.127	1.911	0.127
0.480	-0.003	0.494	-0.055	0.498	-0.090	0.505	-0.138	1.914	0.019	1.922	-0.118	1.926	-0.264	1.932	-0.355	1.932	-0.355
0.508	-0.174	0.515	-0.206	0.520	-0.258	0.529	-0.254	1.934	-0.423	1.940	-0.454	1.946	-0.454	1.952	-0.407	1.952	-0.407
0.540	-0.235	0.543	-0.179	0.547	-0.123	0.552	-0.068	1.964	-0.324	1.971	-0.268	1.975	-0.192	1.978	-0.125	1.978	-0.125
0.560	-0.012	0.565	0.051	0.570	0.115	0.570	0.151	1.979	-0.057	1.985	0.015	1.991	0.118	1.994	0.214	1.994	0.214
0.577	0.183	0.585	0.198	0.597	0.194	0.601	0.170	1.958	0.382	2.002	0.429	2.012	0.421	2.032	0.429	2.032	0.429
0.610	0.118	0.620	0.075	0.630	0.043	0.643	-0.013	2.040	0.321	2.040	0.321	2.042	0.190	2.049	0.094	2.049	0.094
0.657	-0.025	0.665	-0.049	0.680	-0.037	0.689	-0.017	2.052	-0.029	2.058	-0.117	2.063	-0.249	2.066	-0.292	2.066	-0.292
0.658	0.007	0.710	0.046	0.723	0.050	0.740	0.007	2.077	-0.032	2.089	-0.221	2.100	-0.322	2.104	-0.357	2.104	-0.357
0.746	-0.057	0.756	-0.113	0.769	-0.129	0.786	-0.116	2.115	-0.101	2.124	0.010	2.135	0.054	2.143	0.150	2.143	0.150
0.758	-0.108	0.805	-0.136	0.833	-0.116	0.846	-0.048	2.156	0.178	2.169	0.126	2.173	0.106	2.176	0.051	2.176	0.051
0.856	-0.016	0.872	0.016	0.890	0.000	0.892	-0.032	2.181	-0.009	2.190	-0.121	2.192	-0.137	2.204	-0.192	2.204	-0.192
0.853	-0.032	0.912	-0.040	0.933	-0.044	0.947	-0.047	2.214	-0.152	2.220	-0.144	2.234	-0.033	2.243	-0.071	2.243	-0.071
0.958	-0.075	0.975	-0.095	0.993	-0.091	1.006	-0.063	2.252	0.135	2.264	0.167	2.277	0.151	2.289	0.079	2.289	0.079
1.021	-0.024	1.032	0.000	1.051	-0.028	1.068	-0.075	2.297	0.025	2.304	-0.052	2.310	-0.232	2.315	-0.335	2.315	-0.335
1.076	-0.119	1.092	-0.151	1.112	-0.051	1.118	-0.020	2.322	-0.455	2.330	-0.511	2.342	-0.511	2.352	-0.427	2.352	-0.427
1.124	0.012	1.138	-0.019	1.147	-0.051	1.156	-0.119	2.356	-0.343	2.366	-0.236	2.374	-0.124	2.383	-0.004	2.383	-0.004
1.174	-0.167	1.179	-0.151	1.190	-0.091	1.195	-0.023	2.358	0.055	2.466	0.143	2.415	0.263	2.423	0.299	2.423	0.299
1.199	0.037	1.205	0.089	1.213	0.057	1.227	0.093	2.432	0.331	2.447	0.347	2.452	0.263	2.453	0.255	2.453	0.255
1.242	0.061	1.262	0.025	1.276	0.006	1.285	-0.038	2.480	0.199	2.492	0.116	2.506	0.060	2.515	-0.024	2.515	-0.024
1.297	-0.054	1.308	-0.134	1.328	-0.173	1.344	-0.125	2.524	-0.099	2.529	-0.115	2.536	-0.265	2.542	-0.322	2.542	-0.322
1.357	-0.081	1.364	-0.033	1.377	0.047	1.387	0.127	2.551	-0.366	2.569	-0.283	2.584	-0.271	2.604	-0.263	2.604	-0.263
1.356	0.171	1.413	0.179	1.416	0.143	1.425	0.107	2.630	-0.208	2.630	-0.100	2.640	-0.040	2.649	-0.009	2.649	-0.009
1.433	0.052	1.441	-0.016	1.453	-0.075	1.463	-0.111	2.660	-0.033	2.669	-0.112	2.675	-0.188	2.694	-0.244	2.694	-0.244
1.473	-0.175	1.488	-0.190	1.501	-0.190	1.509	-0.126	2.702	-0.248	2.717	-0.177	2.727	-0.045	2.734	-0.007	2.734	-0.007

2.744	0.038	2.755	0.070	2.764	0.076	2.776	0.150	4.764	0.025	4.777	0.009	4.783	-0.011	4.791	-0.034
2.789	0.173	2.797	0.245	2.803	0.277	2.811	0.292	4.798	-0.086	4.807	-0.158	4.818	-0.210	4.826	-0.225
2.824	0.260	2.832	0.240	2.844	0.188	2.856	0.100	4.843	-0.225	4.855	-0.177	4.864	-0.149	4.878	-0.121
2.870	0.048	2.872	-0.004	2.881	-0.111	2.893	-0.211	4.889	-0.133	4.911	-0.121	4.921	-0.097	4.932	-0.065
2.899	-0.291	2.906	-0.331	2.920	-0.339	2.927	-0.303	4.947	-0.017	4.955	0.015	4.965	0.058	4.970	0.094
2.928	-0.307	2.937	-0.268	2.942	-0.216	2.946	-0.152	4.973	0.110	4.978	0.150	4.990	0.174	5.000	0.106
2.953	-0.069	2.956	0.019	2.965	0.110	2.968	0.186	5.010	0.063	5.016	-0.021	5.027	-0.120	5.036	-0.168
2.974	0.234	2.976	0.258	2.981	0.293	2.984	0.317	5.051	-0.224	5.059	-0.264	5.067	-0.268	5.083	-0.244
2.994	0.341	3.007	0.313	3.017	0.209	3.018	0.161	5.090	-0.152	5.095	-0.128	5.102	0.032	5.106	0.047
3.023	0.085	3.028	0.002	3.033	-0.074	3.037	-0.158	5.111	0.155	5.117	0.155	5.120	0.263	5.126	0.275
3.039	-0.285	3.050	-0.381	3.058	-0.429	3.075	-0.326	5.132	0.295	5.145	0.295	5.156	0.231	5.164	0.163
3.083	-0.218	3.087	-0.095	3.095	0.025	3.105	0.180	5.174	0.104	5.185	0.040	5.185	-0.044	5.198	-0.079
3.112	-0.256	3.136	-0.248	3.144	0.128	3.149	0.052	5.208	-0.083	5.226	-0.091	5.235	-0.119	5.246	-0.187
3.155	-0.039	3.162	-0.135	3.166	-0.263	3.180	-0.378	5.250	-0.238	5.257	-0.266	5.259	-0.302	5.259	-0.302
3.186	-0.442	3.193	-0.458	3.203	-0.438	3.212	-0.386	5.267	-0.354	5.277	-0.346	5.284	-0.302	5.292	-0.274
3.216	-0.354	3.224	-0.287	3.235	-0.151	3.241	-0.143	5.300	-0.214	5.309	-0.134	5.316	-0.058	5.327	-0.038
3.249	-0.095	3.258	-0.020	3.263	0.012	3.268	0.056	5.335	0.025	5.347	0.041	5.356	0.109	5.364	0.149
3.274	0.108	3.290	0.052	3.294	0.012	3.307	-0.055	5.372	0.217	5.401	0.273	5.402	0.265	5.413	0.158
3.316	-0.123	3.327	-0.167	3.340	-0.179	3.356	-0.147	5.395	0.297	5.421	0.058	5.425	0.050	5.430	-0.010
3.345	-0.143	3.378	-0.083	3.399	-0.075	3.410	-0.087	5.418	0.158	5.444	-0.065	5.454	-0.045	5.455	-0.033
3.424	-0.135	3.431	-0.179	3.437	-0.211	3.443	-0.219	5.434	-0.061	5.444	-0.074	5.484	0.358	5.493	0.465
3.457	-0.191	3.467	-0.139	3.474	-0.087	3.480	-0.071	5.464	0.090	5.477	0.274	5.484	0.358	5.493	0.465
3.491	-0.075	3.497	-0.091	3.510	-0.115	3.520	-0.147	5.511	0.442	5.523	0.310	5.529	0.187	5.537	-0.005
3.540	-0.131	3.546	-0.131	3.549	-0.083	3.558	-0.047	5.549	-0.168	5.554	-0.236	5.563	-0.295	5.574	-0.331
3.568	0.012	3.574	0.076	3.586	0.183	3.599	0.255	5.592	-0.331	5.629	-0.291	5.625	-0.263	5.640	-0.231
3.610	0.350	3.620	0.394	3.629	0.417	3.634	0.405	5.650	-0.196	5.666	-0.180	5.684	-0.195	5.695	-0.227
3.644	0.385	3.657	0.341	3.666	0.325	3.674	0.300	5.704	-0.223	5.717	-0.179	5.726	-0.100	5.732	-0.020
3.664	0.288	3.697	0.263	3.705	0.203	3.715	0.147	5.740	0.028	5.746	0.048	5.754	0.044	5.772	0.044
3.721	0.059	3.726	-0.021	3.731	-0.093	3.743	-0.185	5.786	0.040	5.801	0.048	5.811	0.084	5.818	0.164
3.748	-0.221	3.745	-0.245	3.757	-0.253	3.766	-0.281	5.836	0.243	5.844	0.319	5.855	0.411	5.864	0.471
3.785	-0.233	3.804	-0.226	3.821	-0.198	3.837	-0.206	5.874	0.490	5.891	0.471	5.892	0.476	5.900	0.383
3.843	-0.219	3.861	-0.275	3.871	-0.311	3.879	-0.283	5.910	0.259	5.911	0.160	5.917	0.076	5.922	-0.059
3.884	-0.239	3.898	-0.159	3.907	-0.056	3.915	-0.024	5.930	-0.195	5.942	-0.370	5.948	-0.470	5.960	-0.530
3.919	-0.000	3.924	0.008	3.933	0.008	3.942	-0.036	5.980	-0.510	6.010	-0.450	6.026	-0.414	6.030	-0.354
3.957	-0.096	3.967	-0.116	3.975	-0.132	4.002	-0.140	6.045	-0.235	6.053	-0.143	6.066	-0.067	6.077	-0.012
4.016	-0.101	4.024	-0.061	4.030	0.007	4.038	0.078	6.078	-0.012	6.094	0.180	6.103	0.263	6.111	0.359
4.039	0.134	4.048	0.178	4.049	0.206	4.065	0.234	6.118	0.415	6.124	0.435	6.135	0.451	6.161	0.451
4.077	0.182	4.085	0.122	4.092	0.070	4.101	0.038	6.174	0.451	6.186	0.412	6.194	0.356	6.195	0.332
4.101	0.058	4.111	0.106	4.121	0.169	4.131	0.233	6.204	0.256	6.209	0.153	6.214	0.121	6.219	0.033
4.147	0.249	4.157	0.157	4.168	0.049	4.173	-0.070	6.226	-0.066	6.236	-0.166	6.244	-0.273	6.254	-0.420
4.178	-0.174	4.179	-0.214	4.187	-0.285	4.194	-0.409	6.262	-0.512	6.271	-0.572	6.291	-0.528	6.303	-0.448
4.205	-0.481	4.222	-0.498	4.231	-0.430	4.242	-0.367	6.304	-0.448	6.314	-0.356	6.315	-0.264	6.324	-0.164
4.250	-0.268	4.260	-0.161	4.268	-0.046	4.275	0.018	6.328	-0.053	6.336	0.055	6.344	0.174	6.354	0.278
4.283	0.073	4.292	0.081	4.302	0.053	4.312	0.016	6.369	0.286	6.375	0.214	6.388	0.111	6.395	0.027
4.334	0.031	4.342	0.102	4.344	0.194	4.350	0.293	6.403	0.036	6.420	0.024	6.432	-0.000	6.442	0.032
4.357	0.376	4.360	0.464	4.369	0.543	4.377	0.566	6.460	-0.012	6.467	-0.068	6.480	-0.124	6.488	-0.116
4.392	0.530	4.401	0.453	4.406	0.377	4.411	0.317	6.507	-0.044	6.517	-0.008	6.523	-0.016	6.540	-0.040
4.422	-0.237	4.427	-0.169	4.434	0.045	4.434	0.045	6.555	-0.091	6.563	-0.147	6.594	-0.191	6.618	-0.167
4.442	-0.075	4.452	-0.170	4.457	-0.234	4.473	-0.219	6.622	0.107	6.634	0.016	6.641	0.064	6.646	0.136
4.485	-0.187	4.496	-0.124	4.505	-0.076	4.522	-0.104	6.656	0.160	6.666	0.116	6.678	0.064	6.686	-0.024
4.535	-0.156	4.536	-0.228	4.548	-0.320	4.552	-0.408	6.651	-0.036	6.657	-0.055	6.658	-0.051	6.712	0.044
4.557	-0.577	4.571	-0.600	4.584	-0.612	4.585	-0.600	6.719	0.148	6.725	0.208	6.743	0.303	6.743	0.339
4.597	-0.477	4.611	-0.346	4.616	-0.242	4.621	-0.119	6.755	0.343	6.762	0.275	6.770	0.223	6.775	-0.247
4.631	0.025	4.637	0.084	4.646	0.180	4.662	0.287	6.778	0.068	6.781	0.028	6.784	-0.063	6.793	-0.247
4.667	0.307	4.688	0.323	4.697	0.256	4.708	0.216	6.807	-0.410	6.812	-0.352	6.826	-0.498	6.835	-0.382
4.724	0.152	4.732	0.101	4.739	0.073	4.752	0.053	6.842	-0.275	6.847	-0.195	6.852	-0.111	6.854	-0.020

6.864	0.072	6.865	0.164	6.882	0.180	6.893	0.132	9.214	C.204	5.229	0.176	5.239	0.136	5.245	0.088
6.901	0.088	6.910	0.004	6.918	-0.067	6.932	-0.127	9.259	0.024	9.264	-0.032	9.274	-0.095	9.284	-0.175
6.947	-0.167	6.955	-0.155	6.968	-0.091	6.983	-0.032	9.296	-0.215	9.315	-0.227	9.331	-0.251	9.346	-0.291
6.956	0.072	7.002	0.120	7.008	0.176	7.015	0.219	9.356	-0.334	9.368	-0.338	9.378	-0.283	9.386	-0.191
7.030	0.200	7.041	0.140	7.042	0.140	7.056	-0.024	9.404	-0.119	9.420	-0.123	9.443	-0.123	9.477	-0.027
7.063	-0.151	7.067	-0.279	7.076	-0.338	7.087	-0.398	9.493	0.057	9.509	0.165	9.515	0.193	9.535	0.202
7.101	-0.406	7.119	-0.374	7.135	-0.279	7.147	-0.338	9.542	0.186	9.554	0.138	9.554	0.063	9.561	-0.009
7.157	-0.079	7.164	-0.008	7.171	0.028	7.176	0.060	9.574	-0.052	9.585	-0.048	9.585	0.015	9.617	0.067
7.185	0.120	7.191	0.144	7.198	0.152	7.208	0.152	9.629	0.087	9.641	0.083	9.653	-0.005	9.660	-0.085
7.218	0.132	7.225	0.088	7.235	0.016	7.241	-0.035	9.671	-0.261	9.681	-0.261	9.696	-0.317	9.716	-0.278
7.250	-0.111	7.258	-0.183	7.274	-0.274	7.282	-0.302	9.735	-0.182	9.746	-0.095	9.756	-0.031	9.773	-0.004
7.305	-0.190	7.322	-0.079	7.336	0.005	7.343	0.117	9.776	-0.008	9.793	-0.079	9.801	-0.159	9.813	-0.247
7.356	0.232	7.366	0.352	7.377	0.384	7.396	0.372	9.827	-0.299	9.841	-0.251	9.855	-0.175	9.862	-0.087
7.408	0.324	7.417	0.252	7.425	0.169	7.437	0.085	9.871	-0.016	9.885	0.156	9.900	0.192	9.913	0.236
7.446	-0.034	7.457	-0.098	7.461	-0.134	7.471	-0.122	9.935	0.153	9.952	0.089	9.975	0.058	9.998	0.031
7.481	-0.058	7.491	-0.014	7.499	0.018	7.509	0.014	10.013	-0.117	10.031	-0.065	10.055	-0.044	10.079	-0.020
7.514	-0.030	7.526	-0.125	7.534	-0.245	7.536	-0.356	10.058	-0.036	10.118	-0.032	10.144	0.004	10.155	0.032
7.539	-0.492	7.552	-0.643	7.563	-0.723	7.575	-0.746	10.173	0.067	10.190	0.075	10.209	0.006	10.220	-0.086
7.579	-0.707	7.588	-0.631	7.591	-0.515	7.594	-0.372	10.229	-0.158	10.238	-0.230	10.246	-0.298	10.255	-0.294
7.602	-0.244	7.605	-0.093	7.614	0.099	7.621	0.190	10.261	-0.287	10.270	-0.203	10.279	-0.175	10.284	-0.016
7.626	0.242	7.631	0.282	7.639	0.282	7.645	0.254	10.289	0.068	10.291	0.116	10.295	0.136	10.296	0.136
7.650	0.207	7.655	0.167	7.660	0.107	7.667	0.087	10.296	0.184	10.301	0.230	10.308	0.284	10.318	0.300
7.674	0.063	7.684	0.075	7.689	0.139	7.697	0.179	10.334	0.264	10.354	0.065	10.364	0.049	10.382	0.042
7.711	0.243	7.724	0.259	7.736	0.247	7.744	0.175	10.398	0.046	10.415	0.023	10.437	0.084	10.451	-0.124
7.748	0.084	7.761	0.000	7.771	-0.131	7.781	-0.195	10.470	-0.104	10.489	-0.041	10.505	-0.029	10.520	-0.161
7.768	-0.263	7.797	-0.290	7.811	-0.314	7.823	-0.258	10.541	-0.125	10.573	-0.146	10.596	-0.142	10.613	-0.102
7.834	-0.162	7.840	-0.094	7.850	0.034	7.858	0.098	10.634	0.005	10.647	0.056	10.663	0.080	10.673	0.072
7.872	0.118	7.891	0.063	7.911	0.015	7.928	0.012	10.678	0.013	10.692	-0.075	10.710	-0.210	10.718	-0.305
7.942	0.028	7.952	-0.004	7.963	-0.083	7.978	-0.178	10.731	-0.309	10.744	-0.219	10.757	-0.189	10.768	-0.117
7.991	-0.266	8.011	-0.353	8.020	-0.368	8.033	-0.363	10.781	-0.073	10.795	-0.068	10.814	-0.076	10.829	-0.043
8.035	-0.363	8.049	-0.243	8.060	-0.131	8.071	-0.046	10.846	0.085	10.866	0.225	10.889	0.345	10.905	0.418
8.078	0.085	8.088	0.158	8.097	0.222	8.117	0.187	10.920	0.439	10.937	0.371	10.950	0.270	10.957	0.159
8.131	0.057	8.152	-0.002	8.167	-0.061	8.187	-0.033	10.975	-0.011	10.986	-0.146	11.000	-0.224	11.014	-0.223
8.202	0.079	8.216	0.179	8.227	0.263	8.236	0.327	11.025	-0.191	11.036	-0.182	11.057	-0.197	11.074	-0.259
8.246	0.323	8.257	0.191	8.260	0.127	8.261	0.072	11.086	-0.298	11.098	-0.250	11.108	-0.229	11.121	-0.081
8.265	-0.004	8.276	-0.104	8.277	-0.255	8.290	-0.371	11.135	0.115	11.144	0.223	11.152	0.279	11.172	0.295
8.300	-0.435	8.314	-0.439	8.319	-0.355	8.327	-0.276	11.185	0.282	11.208	0.305	11.223	0.293	11.236	0.237
8.337	-0.228	8.345	-0.113	8.351	-0.061	8.354	-0.026	11.256	0.077	11.273	-0.075	11.287	-0.199	11.303	-0.299
8.365	0.010	8.377	0.018	8.385	-0.030	8.395	-0.118	11.317	-0.355	11.330	-0.363	11.345	-0.331	11.373	-0.244
8.404	-0.206	8.416	-0.302	8.429	-0.358	8.448	-0.350	11.385	-0.157	11.396	-0.089	11.407	-0.049	11.425	-0.038
8.462	-0.291	8.475	-0.212	8.484	-0.156	8.490	-0.092	11.443	-0.022	11.457	0.010	11.476	0.054	11.491	0.146
8.498	0.011	8.507	0.075	8.517	0.138	8.537	0.138	11.501	0.138	11.516	0.058	11.536	-0.018	11.549	-0.121
8.554	0.053	8.580	0.077	8.593	0.089	8.614	0.098	11.559	-0.181	11.571	-0.157	11.591	-0.178	11.612	-0.139
8.618	0.034	8.632	0.002	8.646	-0.042	8.664	-0.058	11.637	-0.060	11.666	0.031	11.686	0.107	11.701	0.127
8.676	-0.102	8.695	-0.130	8.702	-0.149	8.719	-0.101	11.723	0.119	11.734	0.068	11.747	0.068	11.758	0.080
8.730	-0.025	8.742	0.043	8.745	0.083	8.757	0.150	11.787	0.184	11.801	0.280	11.810	0.292	11.827	0.273
8.771	0.154	8.775	0.150	8.790	0.122	8.803	0.082	11.844	0.202	11.855	0.140	11.881	0.093	11.894	0.066
8.817	0.066	8.828	0.018	8.833	-0.006	8.851	-0.026	11.905	-0.133	11.916	-0.232	11.926	-0.327	11.934	-0.266
8.861	-0.002	8.871	0.034	8.881	0.057	8.903	0.045	11.945	-0.359	11.970	-0.226	11.985	-0.090	12.010	0.098
8.915	0.024	8.935	-0.044	8.944	-0.104	8.957	-0.145	12.021	0.198	12.036	0.234	12.054	0.250	12.074	0.278
8.963	-0.217	8.974	-0.269	8.986	-0.293	9.000	-0.241	12.090	0.298	12.110	0.250	12.128	0.166	12.140	0.082
9.009	-0.150	9.020	-0.079	9.025	-0.015	9.038	0.021	12.160	0.010	12.180	-0.038	12.205	-0.069	12.223	-0.060
9.048	0.013	9.057	-0.027	9.073	-0.091	9.080	-0.143	12.240	-0.068	12.255	-0.108	12.279	-0.262	12.290	-0.326
9.091	-0.187	9.100	-0.203	9.112	-0.191	9.117	-0.151	12.295	-0.370	12.306	-0.385	12.323	-0.338	12.342	-0.218
9.132	-0.071	9.144	0.024	9.150	0.064	9.158	0.120	12.363	-0.691	12.378	-0.627	12.399	0.013	12.424	0.028
9.164	0.168	9.172	0.204	9.183	0.227	9.196	0.227	12.433	0.048	12.450	0.116	12.466	0.187	12.473	0.239

12.489	0.262	12.500	0.238	12.534	0.161	12.558	0.093	16.989	-0.034	17.004	-0.049	17.021	-0.057	17.037	-0.037
12.563	0.048	12.614	-0.044	12.634	-0.087	12.650	-0.119	17.058	0.016	17.074	0.044	17.090	0.030	17.107	-0.003
12.667	-0.119	12.685	-0.087	12.702	-0.040	12.712	-0.008	17.128	-0.019	17.154	-0.012	17.183	-0.011	17.211	0.001
12.723	0.000	12.740	-0.004	12.759	-0.008	12.773	-0.014	17.238	-0.073	17.253	-0.126	17.267	-0.138	17.286	-0.095
12.786	-0.160	12.810	-0.204	12.826	-0.204	12.837	-0.236	17.301	-0.032	17.316	0.003	17.331	-0.006	17.351	-0.047
12.858	-0.200	12.864	-0.081	12.873	0.031	12.887	0.110	17.368	-0.075	17.386	-0.068	17.419	-0.021	17.442	-0.021
12.896	0.154	12.912	0.142	12.928	0.118	12.936	0.122	17.458	0.021	17.481	-0.012	17.502	-0.052	17.518	-0.068
12.954	0.177	12.971	0.257	12.979	0.329	12.996	0.364	17.540	-0.049	17.563	-0.065	17.587	-0.018	17.606	-0.042
13.007	0.332	13.025	0.233	13.045	0.041	13.071	-0.146	17.629	-0.053	17.655	-0.018	17.680	0.030	17.709	-0.002
13.051	-0.270	13.106	-0.313	13.117	-0.290	13.132	-0.218	17.731	-0.049	17.757	-0.057	17.785	-0.026	17.814	-0.022
13.143	-0.094	13.153	-0.003	13.164	0.037	13.181	0.025	17.853	-0.045	17.879	-0.028	17.907	0.032	17.926	0.060
13.203	0.074	13.218	-0.110	13.236	-0.053	13.252	0.027	17.953	0.041	17.976	0.026	17.995	0.058	18.021	0.107
13.269	0.091	13.291	0.028	13.311	-0.044	13.325	-0.119	18.036	0.099	18.065	0.063	18.093	0.052	18.122	0.044
13.332	-0.151	13.345	-0.103	13.368	0.005	13.380	0.093	18.142	0.012	18.165	-0.019	18.180	-0.131	18.196	-0.147
13.392	-0.145	13.404	0.141	13.429	0.106	13.447	0.086	18.218	-0.106	18.239	-0.078	18.260	-0.082	18.283	-0.085
13.467	0.081	13.486	0.076	13.506	0.024	13.524	-0.025	18.304	-0.045	18.329	-0.059	18.347	0.111	18.373	0.124
13.537	-0.033	13.557	-0.038	13.576	-0.015	13.605	-0.016	18.411	0.121	18.447	0.065	18.474	0.014	18.503	0.007
13.625	-0.037	13.652	-0.061	13.680	-0.059	13.704	-0.094	18.529	0.003	18.551	-0.037	18.571	-0.056	18.591	-0.019
13.806	0.095	13.826	0.131	13.843	0.156	13.866	0.146	18.614	0.025	18.634	0.006	18.660	-0.041	18.693	-0.067
13.888	0.054	13.911	0.014	13.926	0.001	13.946	-0.003	18.723	-0.062	18.740	-0.042	18.762	-0.005	18.782	-0.020
13.961	-0.031	13.977	-0.111	13.988	-0.151	14.022	-0.159	18.802	-0.075	18.818	-0.063	18.842	-0.034	18.861	-0.011
14.048	-0.155	14.063	-0.124	14.073	-0.052	14.087	0.043	18.882	-0.034	18.908	-0.074	18.924	-0.082	18.951	-0.058
14.099	0.055	14.110	0.111	14.126	0.083	14.147	0.003	18.982	-0.011	19.024	-0.011	19.049	-0.007	19.085	-0.034
14.161	-0.052	14.175	-0.112	14.199	-0.136	14.222	-0.144	19.114	-0.057	19.144	-0.037	19.167	0.044	19.183	0.108
14.238	-0.116	14.256	-0.052	14.273	0.004	14.292	0.040	19.202	0.132	19.220	0.093	19.245	0.010	19.263	-0.033
14.315	0.037	14.338	0.009	14.361	-0.006	14.395	-0.001	19.293	-0.044	19.318	-0.015	19.333	-0.015	19.353	-0.050
14.410	-0.016	14.431	-0.087	14.447	-0.143	14.459	-0.158	19.368	-0.102	19.387	-0.117	19.408	-0.068	19.435	-0.015
14.476	-0.134	14.493	-0.043	14.508	0.025	14.528	0.040	19.455	-0.063	19.479	0.052	19.516	-0.020	19.544	-0.067
14.548	0.056	14.575	0.119	14.593	0.143	14.616	0.075	19.512	-0.091	19.605	-0.048	19.628	-0.036	19.663	-0.049
14.635	-0.069	14.650	-0.141	14.663	-0.169	14.685	-0.125	19.698	-0.041	19.728	-0.001	19.757	0.015	19.785	-0.000
14.705	-0.033	14.725	0.011	14.746	-0.024	14.764	-0.095	19.819	0.012	19.863	0.041	19.896	0.041	19.925	0.005
14.779	-0.110	14.794	-0.066	14.809	0.030	14.827	0.066	19.952	-0.038	19.979	-0.031	20.010	-0.013	20.045	0.084
14.843	0.039	14.881	-0.028	14.901	-0.060	14.935	-0.119	20.014	0.116	20.099	0.056	20.133	-0.012	20.151	-0.103
14.956	-0.139	14.985	-0.111	15.015	-0.036	15.043	0.008	20.178	-0.143	20.204	-0.154	20.231	-0.197	20.253	-0.201
15.077	0.068	15.114	0.056	15.149	-0.008	15.165	-0.021	20.293	-0.056	20.321	0.017	20.346	0.077	20.377	0.085
15.185	0.007	15.212	0.026	15.234	0.006	15.254	0.025	20.403	-0.049	20.436	0.041	20.451	0.065	20.476	0.053
15.278	0.053	15.293	0.024	15.315	-0.016	15.340	-0.036	20.502	0.053	20.527	0.121	20.553	0.094	20.576	0.054
15.388	-0.041	15.436	-0.033	15.458	-0.042	15.480	-0.078	20.593	0.039	20.614	0.047	20.627	0.059	20.647	0.063
15.503	-0.134	15.521	-0.154	15.536	-0.138	15.560	-0.114	20.673	0.008	20.701	-0.031	20.736	-0.007	20.749	-0.011
15.578	-0.126	15.595	-0.138	15.616	-0.155	15.634	-0.111	20.763	-0.026	20.782	-0.041	20.803	-0.044	20.824	-0.043
15.655	0.012	15.672	0.068	15.688	0.087	15.708	0.083	20.842	-0.042	20.862	-0.052	20.882	-0.051	20.907	-0.030
15.732	0.091	15.762	0.063	15.797	-0.009	15.826	-0.049	20.932	-0.001	20.952	0.036	20.968	0.076	20.984	0.096
15.861	-0.137	15.879	-0.166	15.895	-0.142	15.925	-0.047	21.000	0.068	21.020	0.072	21.044	0.072	21.065	0.072
16.016	-0.044	16.039	-0.017	16.060	0.027	16.079	0.059	21.090	0.068	21.110	0.048	21.126	0.020	21.145	-0.028
16.106	0.022	16.127	-0.041	16.141	-0.057	16.161	-0.017	21.162	-0.052	21.176	-0.040	21.155	-0.012	21.209	-0.008
16.180	0.015	16.203	0.020	16.230	0.000	16.254	-0.024	21.227	-0.020	21.248	-0.026	21.263	-0.025	21.283	0.007
16.269	-0.019	16.286	0.017	16.303	0.080	16.317	0.120	21.301	0.039	21.323	0.055	21.347	0.075	21.365	0.083
16.345	-0.121	16.377	0.129	16.393	0.109	16.426	0.014	21.361	0.079	21.405	0.063	21.432	0.086	21.457	0.090
16.454	-0.046	16.477	-0.086	16.504	-0.085	16.524	-0.089	21.477	0.086	21.497	0.070	21.516	0.022	21.535	-0.021
16.550	-0.128	16.573	-0.132	16.585	-0.116	16.600	-0.060	21.550	-0.033	21.573	-0.014	21.591	0.006	21.608	0.030
16.613	-0.052	16.633	-0.068	16.653	-0.108	16.667	-0.112	21.625	-0.078	21.644	0.138	21.663	0.150	21.681	0.136
16.690	-0.061	16.714	-0.013	16.742	-0.002	16.762	-0.002	21.701	0.098	21.726	0.051	21.750	-0.021	21.772	-0.084
16.793	0.037	16.822	0.097	16.846	0.100	16.873	0.088	21.795	-0.132	21.812	-0.156	21.831	-0.140	21.850	-0.084
16.852	0.036	16.910	0.015	16.942	-0.005	16.970	-0.034	21.872	-0.001	21.892	0.051	21.912	0.079	21.931	0.071
								21.951	0.047	21.969	0.043	21.991	0.063	22.008	0.079
								22.027	0.055	22.050	0.067	22.073	-0.021	22.093	-0.001

22.117	0.035	22.134	0.043	22.153	0.027	22.178	-0.025	26.585	6.120	26.607	0.112	26.631	6.116	26.655	6.120
22.203	-0.045	22.221	-0.053	22.243	-0.073	22.260	-0.053	26.675	0.088	26.698	0.052	26.718	0.016	26.740	0.000
22.216	-0.010	22.294	0.042	22.309	0.074	22.335	0.086	26.763	-0.012	26.783	-0.039	26.806	-0.051	26.830	-0.055
22.357	0.110	22.376	0.102	22.391	0.071	22.409	0.039	26.854	-0.051	26.874	-0.035	26.900	-0.043	26.922	-0.015
22.424	0.043	22.437	0.043	22.461	0.059	22.480	0.043	26.946	-0.039	26.965	-0.051	26.990	-0.043	27.012	-0.027
22.500	0.004	22.519	-0.036	22.531	-0.036	22.547	-0.020	27.035	-0.019	27.058	-0.023	27.081	-0.015	27.102	-0.002
22.567	0.016	22.584	0.048	22.603	0.064	22.620	0.052	27.118	0.010	27.141	-0.006	27.161	-0.022	27.181	-0.014
22.639	0.012	22.657	-0.024	22.678	-0.047	22.696	0.035	27.157	-0.013	27.174	-0.029	27.193	-0.057	27.218	-0.061
22.713	-0.019	22.728	-0.011	22.748	-0.031	22.764	-0.043	27.262	-0.049	27.283	-0.037	27.296	-0.024	27.311	-0.028
22.779	0.055	22.797	0.039	22.823	-0.007	22.846	0.005	27.328	-0.040	27.350	-0.028	27.371	-0.020	27.396	-0.020
22.862	0.009	22.881	-0.003	22.897	-0.006	22.912	0.010	27.422	-0.027	27.454	-0.015	27.483	-0.015	27.511	-0.031
22.929	0.046	22.946	0.082	22.959	0.090	22.979	0.078	27.538	-0.051	27.562	-0.050	27.588	-0.042	27.617	-0.034
23.005	0.066	23.028	0.050	23.050	0.043	23.073	0.031	27.646	-0.026	27.661	-0.026	27.684	-0.030	27.696	-0.026
23.055	0.011	23.119	-0.017	23.138	-0.044	23.159	-0.064	27.712	-0.006	27.729	0.038	27.741	0.070	27.761	0.090
23.176	-0.048	23.200	-0.000	23.221	0.044	23.243	0.064	27.778	0.086	27.804	0.066	27.824	0.046	27.838	0.034
23.263	0.048	23.281	0.000	23.299	-0.056	23.317	-0.079	27.855	0.046	27.877	0.062	27.899	0.050	27.920	0.030
23.332	-0.091	23.346	-0.075	23.366	-0.048	23.385	-0.036	27.937	0.014	27.957	-0.002	27.985	-0.018	28.017	-0.029
23.405	-0.048	23.429	-0.060	23.447	-0.044	23.471	-0.012	28.038	-0.007	28.061	-0.009	28.086	0.007	28.107	0.023
23.456	0.012	23.513	-0.000	23.535	-0.032	23.554	-0.056	28.132	0.023	28.154	0.027	28.174	0.035	28.188	0.031
23.513	-0.040	23.589	-0.033	23.611	-0.033	23.628	-0.021	28.205	-0.015	28.223	-0.013	28.243	-0.037	28.267	-0.049
23.650	0.003	23.671	0.030	23.693	0.050	23.717	0.070	28.251	-0.037	28.316	-0.025	28.340	-0.000	28.365	0.028
23.747	0.065	23.763	0.049	23.779	0.037	23.805	0.045	28.389	0.052	28.412	0.072	28.441	0.056	28.467	0.096
23.825	0.036	23.841	0.000	23.860	-0.056	23.877	-0.056	28.489	0.097	28.517	0.093	28.546	0.073	28.571	0.049
23.896	-0.116	23.912	-0.092	23.935	-0.057	23.955	-0.029	28.594	0.026	28.623	0.010	28.646	0.018	28.668	0.019
23.977	-0.021	23.958	-0.013	24.018	0.002	24.039	0.046	28.651	0.015	28.714	-0.017	28.737	-0.020	28.762	-0.020
24.053	0.021	24.064	0.081	24.083	0.069	24.107	0.053	28.791	-0.015	28.823	0.005	28.855	0.034	28.890	0.054
24.133	0.021	24.154	-0.003	24.170	-0.015	24.185	0.005	28.920	0.055	28.953	0.056	28.990	0.064	29.022	0.086
24.207	0.021	24.230	0.025	24.253	0.029	24.274	0.024	29.042	0.101	29.063	0.073	29.086	0.058	29.110	0.074
24.256	0.036	24.319	0.032	24.340	0.024	24.365	0.004	29.134	0.066	29.179	0.075	29.212	0.051	29.237	0.052
24.388	-0.012	24.408	-0.036	24.426	-0.063	24.445	-0.079	29.244	0.059	29.274	0.071	29.299	0.075	29.327	0.052
24.465	-0.071	24.485	-0.044	24.511	-0.012	24.529	0.040	29.351	0.032	29.374	0.048	29.396	0.056	29.417	0.068
24.550	0.088	24.567	0.108	24.582	0.104	24.603	0.095	29.429	0.056	29.464	0.052	29.494	0.048	29.521	0.040
24.627	0.032	24.642	0.040	24.663	0.080	24.683	0.064	29.542	0.021	29.564	-0.015	29.585	-0.055	29.611	-0.055
24.658	0.083	24.716	0.040	24.730	0.008	24.741	0.004	29.630	-0.047	29.649	-0.027	29.671	-0.003	29.693	0.021
24.752	0.019	24.765	0.063	24.787	0.095	24.801	0.111	29.714	0.041	29.733	0.053	29.753	0.061	29.771	0.037
24.818	0.103	24.841	0.067	24.863	0.043	24.886	0.031	29.790	0.005	29.814	-0.018	29.841	-0.022	29.868	-0.026
24.910	0.018	24.934	0.022	24.966	0.026	24.994	0.038	29.857	-0.034	29.925	-0.029	29.944	-0.013	29.967	0.015
25.023	0.045	25.052	0.057	25.075	0.061	25.097	0.081	29.991	0.019	30.015	0.035	30.049	0.059	30.076	0.087
25.117	0.088	25.142	0.076	25.163	0.056	25.183	0.052	30.094	0.095	30.122	0.075	30.146	0.063	30.171	0.048
25.209	0.051	25.232	0.039	25.253	0.027	25.277	0.023	30.159	0.024	30.221	-0.012	30.237	-0.008	30.255	0.004
25.299	0.007	25.319	-0.018	25.335	-0.030	25.353	-0.022	30.272	0.012	30.293	0.008	30.310	0.000	30.334	0.016
25.368	0.002	25.392	0.065	25.410	0.108	25.428	0.124	30.357	0.044	30.378	0.080	30.398	0.100	30.417	0.085
25.451	0.124	25.476	0.127	25.494	0.123	25.516	0.107	30.441	0.053	30.462	0.013	30.486	-0.006	30.507	0.002
25.533	0.067	25.556	0.046	25.575	0.022	25.592	0.046	30.528	0.018	30.547	0.026	30.566	-0.002	30.586	-0.014
25.612	0.089	25.630	0.121	25.645	0.133	25.663	0.121	30.509	0.007	30.532	0.015	30.556	0.040	30.581	0.032
25.684	0.065	25.701	0.020	25.717	0.004	25.735	0.024	30.704	0.009	30.727	-0.015	30.745	0.018	30.773	0.050
25.755	0.044	25.772	0.051	25.796	0.059	25.822	0.059	30.792	0.050	30.820	0.027	30.846	0.020	30.883	0.008
25.853	0.062	25.878	0.066	25.899	0.049	25.922	0.017	30.914	0.017	30.943	0.009	30.968	0.005	30.994	-0.014
25.942	0.001	25.955	0.001	25.979	0.016	25.996	0.032	31.021	-0.014	31.048	0.002	31.075	0.010	31.100	0.013
26.016	0.020	26.037	-0.001	26.063	-0.001	26.087	0.006	31.120	0.014	31.137	0.013	31.147	0.016	31.158	0.028
26.109	0.026	26.129	0.034	26.149	0.021	26.171	-0.007	31.165	0.032	31.174	0.037	31.184	0.041	31.191	0.045
26.152	0.005	26.212	0.021	26.235	0.012	26.258	0.012	31.201	0.045	31.224	0.027	31.240	0.038	31.255	0.039
26.279	0.032	26.296	0.043	26.314	0.027	26.335	-0.009	31.225	0.046	31.247	0.047	31.247	0.043	31.255	0.039
26.353	-0.037	26.373	-0.057	26.387	-0.061	26.407	-0.050	31.263	0.031	31.272	0.024	31.282	0.016	31.288	0.016
26.426	-0.025	26.447	-0.006	26.466	0.009	26.485	0.025	31.256	0.020	31.308	0.024	31.317	0.024	31.326	0.028
26.508	0.025	26.525	0.029	26.544	0.069	26.566	0.105	31.334	0.040	31.343	0.052	31.351	0.052	31.357	0.060

31.366	0.052	31.376	0.044	31.387	0.036	31.397	0.032	34.587	0.013	34.608	0.005	34.631	0.012	34.645	0.016
31.406	0.032	31.418	0.032	31.431	0.032	31.440	0.032	34.666	0.020	34.682	0.020	34.699	0.040	34.715	0.060
31.451	0.032	31.461	0.032	31.473	0.044	31.486	0.056	34.721	0.060	34.746	0.056	34.761	0.352	34.775	0.076
31.457	0.064	31.511	0.068	31.522	0.072	31.534	0.068	34.787	0.060	34.802	0.044	34.815	0.028	34.830	0.024
31.543	0.064	31.555	0.056	31.566	0.063	31.576	0.071	34.848	0.032	34.866	0.052	34.875	0.060	34.890	0.064
31.566	0.079	31.595	0.083	31.603	0.091	31.612	0.083	34.905	0.060	34.921	0.052	34.930	0.060	34.949	0.072
31.623	0.070	31.637	0.054	31.649	0.042	31.661	0.029	34.964	0.092	34.975	0.100	34.984	0.100	35.010	0.092
31.672	0.021	31.683	0.025	31.695	0.029	31.707	0.029	35.028	0.080	35.040	0.060	35.056	0.032	35.079	0.020
31.713	0.037	31.724	0.037	31.733	0.044	31.741	0.036	35.104	0.020	35.124	0.020	35.146	0.029	35.164	0.025
31.752	0.028	31.761	0.012	31.772	0.008	31.780	0.020	35.178	0.017	35.195	0.013	35.214	0.017	35.232	0.041
31.792	0.032	31.800	0.044	31.812	0.032	31.823	0.012	35.252	0.053	35.267	0.053	35.286	0.050	35.306	0.034
31.835	0.005	31.844	0.011	31.855	0.011	31.862	0.015	35.322	0.022	35.348	0.002	35.358	0.002	35.373	0.014
31.872	0.014	31.884	0.006	31.899	0.002	31.913	0.010	35.390	0.026	35.406	0.022	35.424	0.018	35.442	0.006
31.927	0.007	31.942	0.001	31.957	0.017	31.970	0.041	35.465	0.001	35.490	0.005	35.523	0.005	35.542	0.004
31.982	0.044	31.996	0.048	32.008	0.048	32.022	0.048	35.541	0.009	35.555	0.012	35.576	0.004	35.594	0.005
32.034	0.044	32.047	0.048	32.059	0.060	32.074	0.064	35.610	0.004	35.628	0.000	35.639	0.008	35.654	0.000
32.088	0.060	32.108	0.024	32.124	0.008	32.137	0.008	35.674	0.008	35.690	0.004	35.711	0.008	35.727	0.008
32.154	0.016	32.179	0.016	32.200	0.016	32.217	0.008	35.745	0.032	35.761	0.040	35.780	0.039	35.797	0.035
32.228	0.000	32.244	0.008	32.260	0.016	32.277	0.017	35.815	0.027	35.832	0.001	35.848	0.018	35.865	0.018
32.294	0.017	32.313	0.026	32.331	0.034	32.347	0.039	35.879	0.014	35.895	0.001	35.915	0.009	35.933	0.016
32.364	0.039	32.379	0.040	32.399	0.028	32.414	0.001	35.948	0.008	35.968	0.008	35.985	0.021	36.006	0.025
32.423	0.015	32.437	0.018	32.457	0.018	32.474	0.017	36.037	0.041	36.112	0.061	36.125	0.073	36.137	0.061
32.493	0.021	32.514	0.009	32.534	0.001	32.551	0.001	36.153	0.033	36.170	0.005	36.182	0.015	36.192	0.031
32.570	0.007	32.587	0.012	32.601	0.000	32.614	0.008	36.207	0.031	36.227	0.015	36.235	0.012	36.247	0.025
32.629	0.016	32.642	0.008	32.657	0.008	32.677	0.016	36.263	0.024	36.276	0.016	36.290	0.012	36.303	0.008
32.655	0.048	32.710	0.052	32.726	0.056	32.742	0.048	36.318	0.016	36.331	0.020	36.343	0.028	36.358	0.024
32.755	0.056	32.770	0.056	32.783	0.056	32.798	0.032	36.371	0.020	36.384	0.012	36.395	0.008	36.412	0.016
32.812	0.008	32.821	0.020	32.833	0.024	32.851	0.008	36.426	0.024	36.439	0.044	36.449	0.044	36.469	0.040
32.867	0.004	32.880	0.004	32.896	0.004	32.913	0.012	36.486	0.020	36.503	0.016	36.524	0.008	36.544	0.012
32.927	0.004	32.948	0.016	32.963	0.028	32.979	0.032	36.554	0.012	36.570	0.000	36.588	0.012	36.595	0.024
32.994	0.028	33.013	0.000	33.025	0.016	33.043	0.024	36.612	0.020	36.632	0.008	36.650	0.008	36.664	0.024
33.060	0.016	33.079	0.004	33.103	0.012	33.117	0.028	36.679	0.036	36.692	0.044	36.702	0.048	36.722	0.044
33.134	0.031	33.152	0.015	33.168	0.011	33.191	0.015	36.739	0.036	36.758	0.028	36.778	0.024	36.800	0.012
33.208	0.001	33.227	0.037	33.246	0.066	33.255	0.074	36.816	0.004	36.828	0.008	36.841	0.024	36.857	0.020
33.268	0.074	33.292	0.067	33.300	0.067	33.310	0.051	36.879	0.004	36.891	0.016	36.906	0.020	36.925	0.024
33.326	0.039	33.346	0.031	33.347	0.024	33.359	0.020	36.940	0.024	36.953	0.020	37.039	0.024	37.054	0.016
33.369	0.028	33.386	0.036	33.395	0.036	33.410	0.028	37.069	0.024	37.088	0.035	37.110	0.047	37.131	0.062
33.422	0.008	33.433	0.012	33.442	0.020	33.456	0.020	37.148	0.006	37.164	0.060	37.186	0.031	37.202	0.011
33.465	0.016	33.480	0.012	33.498	0.012	33.518	0.012	37.216	0.006	37.230	0.018	37.245	0.015	37.261	0.007
33.533	0.020	33.553	0.020	33.569	0.016	33.586	0.016	37.275	0.004	37.291	0.004	37.309	0.012	37.327	0.016
33.604	0.016	33.615	0.017	33.632	0.021	33.648	0.021	37.339	0.008	37.357	0.012	37.373	0.028	37.382	0.032
33.663	0.029	33.679	0.030	33.694	0.022	33.709	0.002	37.404	0.024	37.424	0.012	37.445	0.016	37.471	0.008
33.721	0.021	33.734	0.025	33.747	0.029	33.760	0.029	37.481	0.008	37.493	0.004	37.505	0.012	37.514	0.012
33.778	0.041	33.795	0.045	33.820	0.060	33.834	0.060	37.527	0.012	37.538	0.012	37.552	0.000	37.567	0.016
33.848	0.064	33.866	0.044	33.878	0.040	33.889	0.036	37.581	0.020	37.594	0.024	37.609	0.027	37.625	0.027
33.904	0.060	33.917	0.076	33.928	0.080	33.941	0.072	37.643	0.027	37.661	0.023	37.677	0.038	37.696	0.058
34.007	0.028	34.024	0.032	34.040	0.024	34.055	0.012	37.707	0.062	37.726	0.069	37.735	0.061	37.753	0.057
34.073	0.012	34.088	0.016	34.099	0.024	34.117	0.028	37.776	0.053	37.791	0.052	37.810	0.048	37.830	0.048
34.129	0.020	34.142	0.012	34.155	0.004	34.173	0.004	37.845	0.052	37.862	0.056	37.878	0.056	37.897	0.052
34.166	0.008	34.200	0.012	34.215	0.028	34.231	0.064	37.917	0.044	37.937	0.028	37.957	0.016	37.980	0.012
34.245	0.056	34.254	0.112	34.265	0.128	34.276	0.119	37.996	0.068	38.014	0.020	38.029	0.036	38.044	0.032
34.254	0.051	34.320	0.079	34.343	0.071	34.368	0.059	38.062	0.020	38.076	0.008	38.091	0.001	38.109	0.017
34.367	0.055	34.404	0.047	34.421	0.027	34.439	0.014	38.133	0.007	38.151	0.006	38.167	0.042	38.184	0.034
34.455	0.030	34.471	0.038	34.493	0.034	34.513	0.015	38.203	0.017	38.226	0.021	38.249	0.025	38.263	0.037
34.528	0.009	34.542	0.017	34.554	0.025	34.570	0.021								



38.280	0.049	38.296	0.052	38.314	0.044	38.336	0.032	41.640	0.016	41.651	0.016	41.663	0.016	41.677	0.008
38.355	0.016	38.364	0.017	38.375	0.017	38.389	0.017	41.691	0.008	41.706	0.008	41.722	0.004	41.737	0.008
38.359	0.021	38.412	0.025	38.426	0.033	38.437	0.037	41.754	0.024	41.773	0.036	41.788	0.032	41.804	0.028
38.447	0.045	38.465	0.046	38.479	0.046	38.495	0.042	41.820	0.024	41.833	0.024	41.850	0.032	41.866	0.036
38.514	0.035	38.533	0.023	38.544	0.023	38.561	0.019	41.882	0.044	41.894	0.040	41.911	0.044	41.927	0.036
38.573	0.019	38.586	0.015	38.599	0.007	38.616	0.011	41.944	0.028	41.959	0.020	41.980	0.020	42.001	0.020
38.635	0.023	38.653	0.031	38.671	0.038	38.687	0.042	42.021	0.020	42.038	0.024	42.058	0.036	42.076	0.043
38.702	0.046	38.713	0.045	38.726	0.045	38.742	0.045	42.050	0.043	42.107	0.043	42.121	0.043	42.136	0.042
38.756	0.045	38.773	0.040	38.786	0.036	38.800	0.028	42.151	0.042	42.166	0.049	42.180	0.057	42.193	0.068
38.815	0.028	38.830	0.027	38.839	0.031	38.849	0.035	42.207	0.068	42.221	0.060	42.239	0.043	42.255	0.034
38.859	0.039	38.872	0.039	38.884	0.030	38.897	0.026	42.275	0.022	42.292	0.021	42.309	0.021	42.327	0.017
38.910	0.014	38.924	0.014	38.941	0.017	38.959	0.021	42.345	0.009	42.360	0.008	42.375	0.008	42.390	0.020
38.978	0.029	38.995	0.029	39.010	0.033	39.022	0.017	42.404	0.020	42.417	0.024	42.430	0.022	42.450	0.036
39.035	0.024	39.052	0.032	39.064	0.040	39.078	0.044	42.467	0.044	42.485	0.036	42.501	0.040	42.518	0.048
39.157	0.020	39.172	0.020	39.190	0.021	39.204	0.021	42.530	0.060	42.545	0.060	42.563	0.056	42.572	0.056
39.217	0.021	39.229	0.021	39.244	0.021	39.259	0.025	42.585	0.056	42.602	0.056	42.614	0.056	42.635	0.056
39.260	0.038	39.298	0.046	39.319	0.046	39.335	0.051	42.728	0.035	42.744	0.043	42.761	0.030	42.776	0.047
39.350	0.051	39.367	0.051	39.384	0.043	39.401	0.036	42.795	0.014	42.811	0.023	42.830	0.035	42.846	0.039
39.413	0.028	39.429	0.036	39.446	0.044	39.461	0.040	42.865	0.055	42.884	0.067	42.898	0.071	42.915	0.083
39.481	0.032	39.496	0.029	39.508	0.025	39.523	0.037	42.930	0.083	42.943	0.082	42.961	0.082	42.978	0.082
39.540	0.057	39.555	0.065	39.569	0.069	39.583	0.065	42.953	0.081	43.016	0.077	43.036	0.061	43.061	0.040
39.600	0.054	39.615	0.038	39.629	0.026	39.640	0.019	43.078	0.040	43.052	0.032	43.113	0.020	43.133	0.016
39.657	0.027	39.673	0.031	39.691	0.035	39.696	0.035	43.164	0.016	43.185	0.016	43.202	0.016	43.219	0.020
39.710	0.035	39.723	0.032	39.737	0.032	39.750	0.028	43.238	0.032	43.252	0.024	43.270	0.012	43.296	0.009
39.764	0.028	39.779	0.028	39.791	0.028	39.807	0.040	43.318	0.001	43.335	0.001	43.356	0.005	43.375	0.010
39.825	0.048	39.841	0.052	39.856	0.044	39.873	0.044	43.393	0.011	43.413	0.012	43.433	0.013	43.453	0.017
39.853	0.044	39.909	0.044	39.927	0.052	39.942	0.044	43.473	0.022	43.450	0.022	43.505	0.027		
39.964	0.036	39.972	0.036	39.992	0.040	40.010	0.036								
40.030	0.028	40.048	0.004	40.061	-0.004	40.079	-0.016								
40.057	0.020	40.117	-0.012	40.133	0.000	40.149	0.005								
40.160	0.013	40.183	0.025	40.200	0.033	40.217	0.033								
40.237	0.029	40.252	0.022	40.264	0.010	40.283	0.006								
40.300	0.011	40.322	0.019	40.343	0.024	40.365	0.032								
40.382	0.040	40.393	0.041	40.414	0.037	40.435	0.026								
40.453	0.030	40.468	0.034	40.485	0.035	40.504	0.035								
40.522	0.028	40.535	0.036	40.564	0.052	40.584	0.060								
40.600	0.061	40.612	0.061	40.626	0.053	40.643	0.042								
40.658	0.038	40.671	0.034	40.688	0.030	40.706	0.023								
40.721	0.023	40.738	0.015	40.752	0.007	40.769	0.012								
40.792	0.020	40.811	0.032	40.831	0.044	40.852	0.052								
40.865	0.056	40.877	0.064	40.894	0.068	40.916	0.064								
40.936	0.052	40.954	0.032	40.970	0.016	40.986	-0.001								
41.001	-0.001	41.025	0.003	41.045	0.003	41.065	-0.002								
41.082	-0.002	41.102	-0.022	41.116	-0.031	41.128	-0.027								
41.138	-0.027	41.148	-0.019	41.158	-0.019	41.162	-0.019								
41.167	-0.015	41.175	-0.007	41.184	-0.003	41.194	-0.006								
41.202	-0.005	41.210	-0.005	41.221	-0.005	41.231	-0.005								
41.245	-0.001	41.258	0.007	41.272	0.007	41.288	0.014								
41.295	0.025	41.314	0.025	41.324	0.025	41.335	0.025								
41.348	0.024	41.357	0.016	41.368	0.016	41.379	0.016								
41.391	0.016	41.404	0.019	41.416	0.023	41.430	0.023								
41.442	0.026	41.452	0.026	41.464	0.022	41.477	0.021								
41.491	0.021	41.502	0.017	41.517	0.009	41.531	0.008								
41.543	-0.016	41.553	-0.020	41.564	-0.028	41.576	-0.020								
41.590	-0.008	41.601	0.004	41.610	0.012	41.627	0.012								

IN185

71.066 2/9/71 C600PST CARBON CANYON DAM

540h

2749 POINTS 43.507 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1341 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.058	0.005	-0.134	0.011	-0.166	0.026	-0.177	1.456	0.268	1.468	0.256	1.475	0.204	1.491	0.031	1.483	0.144		
0.033	-0.137	0.040	-0.081	0.050	-0.018	0.060	0.018	1.486	0.084	1.486	0.045	1.491	-0.031	1.491	-0.031	1.495	-0.067		
0.071	0.039	0.082	0.023	0.056	0.015	0.099	0.011	1.459	-0.163	1.503	-0.234	1.511	-0.302	1.511	-0.302	1.514	-0.330		
0.110	-0.005	0.123	-0.029	0.133	-0.057	0.141	-0.057	1.525	-0.350	1.538	-0.258	1.548	-0.214	1.548	-0.214	1.556	-0.174		
0.145	-0.069	0.159	-0.053	0.165	-0.034	0.173	0.046	1.566	-0.058	1.574	-0.062	1.583	-0.046	1.583	-0.046	1.591	-0.006		
0.180	0.054	0.185	0.125	0.192	0.197	0.197	0.229	1.594	0.014	1.601	0.054	1.606	0.066	1.606	0.066	1.609	0.118		
0.201	0.268	0.207	0.276	0.216	0.264	0.224	0.236	1.614	0.146	1.620	0.166	1.629	0.154	1.629	0.154	1.639	0.130		
0.231	0.216	0.234	0.200	0.241	0.116	0.247	0.060	1.643	0.058	1.645	0.054	1.657	0.003	1.657	0.003	1.662	-0.065		
0.255	-0.000	0.258	-0.020	0.265	-0.041	0.277	-0.045	1.672	-0.041	1.672	-0.041	1.686	-0.081	1.686	-0.081	1.720	-0.073		
0.291	-0.037	0.301	-0.038	0.308	-0.046	0.316	-0.078	1.727	-0.124	1.737	-0.164	1.753	-0.140	1.753	-0.140	1.758	-0.073		
0.326	-0.034	0.330	-0.038	0.338	-0.115	0.351	-0.114	1.763	0.011	1.768	0.055	1.772	0.135	1.772	0.135	1.777	0.226		
0.359	-0.054	0.368	-0.070	0.375	-0.042	0.382	-0.007	1.783	0.290	1.791	0.402	1.792	0.402	1.792	0.402	1.793	0.509		
0.388	0.037	0.396	0.085	0.403	0.113	0.413	0.117	1.754	0.513	1.754	0.513	1.806	0.517	1.806	0.517	1.811	0.509		
0.426	0.107	0.440	0.106	0.456	0.086	0.466	0.042	1.815	0.481	1.818	0.445	1.821	0.406	1.821	0.406	1.823	0.350		
0.476	0.027	0.483	0.023	0.456	0.019	0.504	0.003	1.828	0.314	1.831	0.250	1.836	0.194	1.836	0.194	1.841	0.127		
0.513	-0.020	0.515	-0.024	0.523	-0.052	0.527	-0.060	1.849	0.015	1.858	-0.041	1.874	-0.049	1.874	-0.049	1.884	-0.037		
0.540	-0.040	0.545	-0.024	0.552	-0.004	0.559	0.032	1.856	-0.049	1.866	-0.061	1.916	-0.108	1.916	-0.108	1.934	-0.108		
0.567	0.041	0.575	0.029	0.582	0.009	0.592	-0.015	1.959	0.092	1.977	-0.116	1.987	-0.071	1.987	-0.071	2.007	0.104		
0.593	-0.027	0.594	-0.027	0.607	-0.062	0.624	-0.050	2.013	-0.041	2.019	0.003	2.025	0.071	2.025	0.071	2.030	0.115		
0.638	-0.026	0.646	0.042	0.655	0.102	0.665	0.149	2.040	0.175	2.047	0.190	2.053	0.183	2.053	0.183	2.067	0.155		
0.673	0.162	0.682	0.154	0.692	0.126	0.699	0.102	2.075	0.127	2.082	0.115	2.098	0.163	2.098	0.163	2.106	0.214		
0.704	0.054	0.716	0.023	0.730	0.043	0.736	0.079	2.120	0.246	2.128	0.246	2.135	0.187	2.135	0.187	2.140	0.143		
0.738	0.107	0.743	0.111	0.750	0.123	0.758	0.111	2.143	0.143	2.145	0.163	2.152	0.067	2.152	0.067	2.159	-0.033		
0.764	0.091	0.770	0.031	0.778	-0.021	0.781	-0.068	2.160	-0.033	2.166	-0.033	2.170	-0.056	2.170	-0.056	2.171	-0.104		
0.787	-0.124	0.794	-0.180	0.810	-0.203	0.822	-0.195	2.177	-0.140	2.184	-0.156	2.199	-0.160	2.199	-0.160	2.209	-0.160		
0.837	-0.123	0.845	-0.080	0.855	-0.052	0.867	-0.019	2.217	-0.172	2.225	-0.176	2.231	-0.184	2.231	-0.184	2.240	-0.188		
0.881	0.001	0.893	0.033	0.907	0.033	0.927	0.013	2.245	-0.176	2.249	-0.160	2.252	-0.152	2.252	-0.152	2.254	-0.140		
0.952	0.017	0.965	0.045	0.987	0.049	0.999	0.061	2.256	-0.124	2.266	-0.100	2.267	-0.072	2.267	-0.072	2.268	-0.072		
1.013	0.101	1.020	0.133	1.029	0.189	1.041	0.217	2.271	0.031	2.274	0.067	2.276	0.127	2.276	0.127	2.283	0.210		
1.054	0.217	1.064	0.177	1.080	0.110	1.094	0.042	2.288	0.210	2.292	0.318	2.298	0.370	2.298	0.370	2.304	0.414		
1.108	-0.054	1.117	-0.117	1.138	-0.173	1.146	-0.189	2.315	0.414	2.323	0.358	2.330	0.366	2.330	0.366	2.332	0.326		
1.157	-0.205	1.170	-0.173	1.174	-0.157	1.176	-0.129	2.342	0.278	2.346	0.182	2.350	0.126	2.350	0.126	2.359	0.062		
1.183	-0.085	1.187	-0.053	1.195	-0.025	1.203	-0.001	2.367	-0.010	2.370	-0.065	2.379	-0.121	2.379	-0.121	2.387	-0.209		
1.212	-0.017	1.221	-0.053	1.228	-0.077	1.230	-0.085	2.356	-0.277	2.404	-0.345	2.413	-0.389	2.413	-0.389	2.424	-0.424		
1.238	-0.140	1.249	-0.156	1.262	-0.116	1.273	-0.053	2.435	-0.377	2.439	-0.306	2.444	-0.254	2.444	-0.254	2.450	-0.182		
1.280	0.003	1.292	0.023	1.305	0.003	1.314	-0.016	2.452	-0.111	2.455	-0.053	2.460	0.009	2.460	0.009	2.465	0.084		
1.325	-0.024	1.339	0.068	1.342	0.048	1.343	0.091	2.470	0.128	2.470	0.152	2.473	0.172	2.473	0.172	2.479	0.176		
1.351	0.175	1.355	0.243	1.359	0.315	1.363	0.351	2.468	0.180	2.456	0.147	2.502	0.144	2.502	0.144	2.506	0.131		
1.365	0.370	1.372	0.382	1.383	0.371	1.392	0.327	2.568	0.131	2.516	0.147	2.519	0.159	2.519	0.159	2.520	0.179		
1.403	0.267	1.418	0.180	1.436	0.180	1.445	0.212	2.523	0.215	2.527	0.227	2.527	0.227	2.527	0.227	2.532	0.251		

2.534	0.290	2.538	0.302	2.539	0.302	2.542	0.342	3.769	0.046	3.715	C.054	3.780	C.126	3.765	C.189
2.548	0.354	2.558	0.354	2.563	0.326	2.565	0.286	3.790	0.201	3.795	0.245	3.802	0.297	3.807	0.329
2.571	0.250	2.574	0.206	2.576	0.186	2.580	0.134	3.815	C.357	3.822	0.413	3.828	C.437	3.841	0.437
2.583	0.086	2.588	0.026	2.590	-0.033	2.594	-0.101	3.852	0.441	3.868	0.437	3.876	C.405	3.884	0.381
2.602	-0.177	2.606	-0.225	2.614	-0.249	2.620	-0.253	3.854	0.285	3.858	0.241	3.901	0.186	3.909	0.106
2.627	-0.237	2.629	-0.189	2.634	-0.118	2.640	-0.054	3.911	0.042	3.918	-0.054	3.922	-0.117	3.927	-0.201
2.645	-0.002	2.645	0.053	2.652	0.065	2.657	0.101	3.931	-0.265	3.939	-0.313	3.945	-0.352	3.957	-0.440
2.664	0.109	2.667	0.081	2.670	0.049	2.677	0.025	3.962	-0.480	3.975	-0.484	3.993	-0.488	3.994	-0.486
2.681	-0.039	2.684	-0.078	2.689	-0.126	2.693	-0.162	4.008	-0.400	4.012	-0.305	4.023	-0.257	4.033	-0.169
2.697	-0.186	2.702	-0.214	2.710	-0.206	2.715	-0.166	4.040	0.102	4.047	0.074	4.053	-0.026	4.058	0.073
2.716	-0.166	2.720	-0.111	2.724	-0.095	2.728	-0.055	4.064	0.117	4.068	0.136	4.071	C.156	4.076	0.180
2.729	-0.031	2.736	0.025	2.738	0.048	2.742	0.080	4.096	0.179	4.105	0.226	4.114	C.274	4.117	C.290
2.747	0.100	2.753	0.100	2.762	0.080	2.769	0.064	4.124	C.329	4.128	0.369	4.130	C.393	4.139	0.416
2.774	0.044	2.776	0.016	2.782	0.008	2.790	-0.008	4.152	C.424	4.165	C.427	4.180	C.387	4.181	0.363
2.755	0.008	2.800	0.016	2.808	0.036	2.821	0.040	4.188	0.307	4.193	C.251	4.157	C.151	4.203	0.135
2.834	0.032	2.842	-0.000	2.851	-0.024	2.859	-0.046	4.209	0.027	4.212	-0.049	4.217	-0.125	4.222	-0.217
2.866	-0.049	2.873	-0.049	2.886	-0.017	2.886	0.015	4.226	-0.277	4.227	-0.277	4.231	-0.389	4.240	-0.454
2.894	0.075	2.899	0.150	2.906	0.158	2.914	0.318	4.243	-0.502	4.245	-0.539	4.255	-0.567	4.264	-0.564
2.915	0.318	2.916	0.318	2.917	0.409	2.920	0.437	4.275	-0.533	4.286	-0.451	4.288	-0.419	4.252	-0.372
2.921	0.437	2.922	0.477	2.927	0.489	2.930	0.485	4.297	-0.245	4.298	-0.245	4.303	-0.138	4.305	-0.066
2.937	0.481	2.940	0.453	2.940	0.453	2.943	0.425	4.312	-0.007	4.324	0.071	4.327	0.115	4.335	0.170
2.947	0.369	2.950	0.326	2.950	0.326	2.952	0.210	4.345	C.209	4.350	C.268	4.358	C.331	4.363	C.362
2.957	0.142	2.961	0.090	2.961	0.090	2.963	-0.009	4.368	0.394	4.370	C.441	4.376	C.501	4.382	C.536
2.965	-0.073	2.967	-0.133	2.972	-0.113	2.977	-0.232	4.390	C.547	4.398	C.538	4.412	C.513	4.416	0.469
2.980	-0.284	2.994	-0.264	2.999	-0.173	3.006	-0.129	4.425	C.380	4.430	C.326	4.435	C.240	4.442	0.128
3.010	-0.085	3.018	-0.041	3.021	0.010	3.027	0.038	4.450	0.044	4.454	C.069	4.468	-0.149	4.471	-0.193
3.041	0.030	3.043	0.006	3.051	-0.045	3.058	-0.129	4.475	-0.229	4.478	-0.211	4.514	-0.244	4.522	-0.268
3.061	-0.217	3.067	-0.281	3.071	-0.257	3.081	-0.329	4.531	-0.349	4.544	-0.382	4.548	-0.374	4.551	-0.299
3.090	-0.297	3.093	-0.261	3.095	-0.221	3.100	-0.161	4.564	-0.251	4.567	-0.180	4.571	-0.086	4.573	-0.068
3.102	-0.121	3.105	-0.081	3.107	-0.054	3.111	-0.006	4.575	-0.052	4.582	C.055	4.586	C.131	4.593	C.211
3.116	0.026	3.119	0.046	3.123	0.066	3.130	0.062	4.597	0.254	4.600	C.290	4.605	C.330	4.619	C.310
3.141	0.054	3.157	0.038	3.166	0.022	3.179	0.006	4.628	0.246	4.632	0.182	4.640	0.070	4.647	-0.009
3.187	-0.026	3.195	-0.054	3.201	-0.073	3.210	-0.085	4.655	-0.061	4.665	-0.125	4.677	-0.066	4.689	-0.018
3.216	-0.085	3.219	-0.081	3.234	0.022	3.245	C.098	4.655	C.010	4.706	0.066	4.715	-0.026	4.724	-0.105
3.253	0.170	3.257	0.205	3.266	0.261	3.274	0.293	4.728	-0.137	4.725	-0.137	4.736	-0.209	4.746	-0.273
3.283	0.313	3.294	0.349	3.305	0.417	3.315	0.456	4.755	-0.026	4.767	-0.197	4.774	-0.113	4.781	-0.046
3.316	0.468	3.317	0.468	3.323	0.516	3.334	0.584	4.785	0.026	4.790	0.082	4.795	0.166	4.798	0.182
3.345	0.636	3.354	0.612	3.360	0.584	3.368	0.500	4.806	0.333	4.808	0.355	4.814	C.429	4.822	0.456
3.371	0.437	3.375	0.345	3.379	0.253	3.386	0.150	4.836	0.437	4.843	0.034	4.855	C.289	4.867	0.241
3.397	0.054	3.397	-0.054	3.400	-0.141	3.404	-0.193	4.856	-0.165	4.890	-0.237	4.907	-0.297	4.914	-0.336
3.407	-0.229	3.411	-0.257	3.419	-0.305	3.425	-0.309	4.896	-0.165	4.900	-0.237	4.907	-0.297	4.914	-0.336
3.434	-0.313	3.443	-0.344	3.452	-0.368	3.458	-0.432	4.930	-0.113	4.934	-0.229	4.944	-0.161	4.950	-0.121
3.462	-0.472	3.468	-0.532	3.477	-0.599	3.482	-0.651	4.960	-0.113	4.968	-0.133	4.981	-0.161	4.997	-0.169
3.485	-0.683	3.490	-0.683	3.493	-0.683	3.510	-0.671	5.014	-0.129	5.025	-0.109	5.037	-0.058	5.046	-0.062
3.515	-0.631	3.517	-0.607	3.518	-0.580	3.520	-0.552	5.060	-0.070	5.067	-0.133	5.072	-0.149	5.080	-0.201
3.525	-0.540	3.530	-0.456	3.535	-0.380	3.538	-0.301	5.085	-0.273	5.098	-0.261	5.104	-0.229	5.108	-0.213
3.541	-0.245	3.558	-0.062	3.563	0.022	3.566	0.070	5.112	-0.133	5.117	-0.050	5.124	C.062	5.131	C.130
3.565	0.106	3.573	0.126	3.578	0.146	3.584	0.197	5.143	0.182	5.143	0.209	5.153	C.217	5.172	C.189
3.588	0.221	3.594	0.253	3.598	0.285	3.605	0.333	5.178	0.154	5.200	C.126	5.221	C.082	5.244	-0.022
3.611	0.373	3.618	0.401	3.623	0.413	3.629	0.464	5.259	-0.066	5.282	-0.073	5.299	C.014	5.317	C.094
3.636	0.500	3.644	0.496	3.644	0.496	3.658	0.492	5.344	C.182	5.351	C.205	5.365	0.261	5.379	C.297
3.664	0.452	3.667	0.397	3.672	0.349	3.674	0.273	5.357	C.273	5.414	C.166	5.423	C.070	5.431	-0.050
3.681	0.174	3.688	0.078	3.692	0.010	3.699	-0.066	5.436	-0.149	5.442	-0.241	5.458	-0.340	5.479	-0.356
3.702	-0.089	3.707	-0.121	3.713	-0.169	3.720	-0.201	5.459	-0.253	5.513	-0.225	5.520	-0.101	5.527	-0.002
3.724	-0.233	3.729	-0.233	3.735	-0.217	3.747	-0.205	5.459	-0.253	5.513	-0.225	5.520	-0.101	5.527	-0.002
3.753	-0.133	3.755	-0.101	3.760	-0.054	3.765	-0.006	5.577	0.002	5.587	-0.061	5.603	-0.113	5.614	-0.014

5.618	0.054	5.623	0.189	5.632	0.313	5.635	0.413	7.991	-0.313	8.003	-0.365	8.020	-0.345	8.036	-0.246
5.639	0.484	5.647	0.544	5.662	0.516	5.672	0.389	8.048	-0.110	8.058	0.005	8.073	0.109	8.081	0.228
5.678	0.237	5.688	0.150	5.693	0.018	5.699	-0.062	8.093	0.276	8.106	0.276	8.124	0.212	8.134	0.144
5.712	-0.137	5.729	-0.073	5.753	-0.061	5.767	-0.124	8.151	0.056	8.172	0.022	8.158	0.000	8.208	-0.087
5.774	-0.216	5.777	-0.232	5.785	-0.343	5.791	-0.443	8.222	-0.151	8.232	-0.247	8.257	-0.084	8.271	0.064
5.802	-0.502	5.824	-0.462	5.833	-0.358	5.848	-0.214	8.265	0.171	8.302	0.175	8.302	0.155	8.320	0.155
5.857	-0.594	5.865	-0.097	5.870	0.129	5.877	0.209	8.331	0.075	8.342	0.031	8.365	0.039	8.389	0.126
5.882	0.273	5.892	0.290	5.906	0.243	5.915	0.188	8.417	0.082	8.435	0.026	8.450	-0.034	8.463	-0.036
5.925	0.125	5.941	0.142	5.954	0.178	5.971	0.219	8.472	-0.169	8.482	-0.234	8.512	-0.234	8.529	-0.170
5.982	0.256	5.997	0.205	6.006	0.173	6.012	0.134	8.564	-0.194	8.585	-0.123	8.603	-0.015	8.615	0.156
6.020	0.058	6.032	-0.029	6.035	-0.013	6.049	0.076	8.634	0.275	8.652	0.327	8.670	0.311	8.708	0.291
6.057	0.191	6.060	0.196	6.069	0.320	6.075	0.396	8.740	0.239	8.755	0.151	8.766	0.012	8.778	-0.215
6.083	0.451	6.091	0.499	6.106	0.491	6.107	0.479	8.789	-0.415	8.794	-0.518	8.800	-0.558	8.806	-0.578
6.117	0.452	6.123	0.368	6.129	0.337	6.133	0.237	8.819	-0.518	8.832	-0.379	8.836	-0.275	8.846	-0.116
6.141	0.053	6.152	-0.014	6.161	-0.098	6.171	-0.154	8.855	-0.044	8.861	-0.001	8.865	-0.019	8.878	0.003
6.184	-0.237	6.192	-0.329	6.200	-0.416	6.201	-0.416	8.890	-0.041	8.899	-0.081	8.909	-0.081	8.926	-0.033
6.213	-0.552	6.219	-0.611	6.231	-0.691	6.239	-0.659	8.923	0.007	8.941	0.127	8.947	0.210	8.953	0.354
6.254	-0.612	6.267	-0.504	6.276	-0.365	6.287	-0.229	8.961	0.457	8.964	0.457	8.969	0.509	8.981	0.509
6.299	0.022	6.306	0.022	6.306	0.157	6.317	0.368	8.997	0.441	9.005	0.361	9.013	0.278	9.014	0.278
6.327	0.416	6.338	0.480	6.356	0.459	6.386	0.399	9.026	0.158	9.035	0.054	9.045	-0.017	9.050	-0.089
6.406	0.288	6.423	0.224	6.436	0.072	6.445	-0.016	9.065	-0.101	9.080	0.002	9.085	0.110	9.098	0.261
6.457	-0.123	6.462	-0.207	6.467	-0.255	6.483	-0.291	9.058	-0.289	9.107	0.317	9.115	0.317	9.126	0.305
6.500	-0.156	6.515	-0.104	6.535	-0.037	6.558	-0.029	9.138	0.225	9.145	-0.157	9.158	-0.082	9.163	-0.134
6.583	0.027	6.602	0.059	6.618	0.023	6.635	-0.005	9.170	-0.189	9.180	-0.157	9.190	-0.154	9.198	-0.078
6.648	-0.029	6.659	-0.014	6.666	0.034	6.672	0.078	9.204	-0.022	9.218	0.002	9.218	0.002	9.223	0.030
6.678	0.138	6.683	0.174	6.703	0.249	6.722	0.237	9.232	-0.090	9.246	-0.318	9.247	-0.258	9.255	-0.313
6.735	0.154	6.742	0.090	6.745	0.018	6.751	-0.077	9.266	-0.325	9.274	-0.318	9.283	-0.226	9.298	-0.150
6.755	-0.137	6.764	-0.209	6.775	-0.241	6.778	-0.237	9.318	-0.051	9.327	0.031	9.341	0.041	9.349	0.061
6.790	-0.125	6.796	-0.026	6.804	0.078	6.805	0.162	9.361	0.080	9.365	0.148	9.375	0.208	9.381	0.267
6.811	0.225	6.821	0.321	6.831	0.317	6.845	0.253	9.368	0.319	9.375	0.391	9.403	0.394	9.413	0.394
6.856	0.126	6.867	-0.005	6.875	-0.001	6.890	0.067	9.423	0.310	9.435	0.246	9.443	0.166	9.458	0.046
6.900	0.142	6.914	0.234	6.922	0.258	6.930	0.318	9.481	0.033	9.515	0.010	9.534	-0.004	9.555	-0.013
6.935	0.302	6.940	0.270	6.948	0.223	6.951	0.203	9.575	0.042	9.584	0.010	9.603	-0.019	9.613	-0.067
6.961	0.055	6.965	-0.004	6.974	-0.096	6.978	-0.184	9.631	-0.063	9.654	-0.016	9.671	0.019	9.681	-0.001
6.988	-0.243	6.997	-0.307	7.010	-0.323	7.028	-0.358	9.652	-0.018	9.700	-0.090	9.712	-0.221	9.723	-0.298
7.041	-0.386	7.053	-0.426	7.068	-0.457	7.069	-0.457	9.728	-0.266	9.748	-0.219	9.770	-0.100	9.793	-0.029
7.074	-0.505	7.081	-0.541	7.091	-0.557	7.101	-0.489	9.805	0.042	9.815	0.101	9.822	0.152	9.833	0.243
7.102	-0.473	7.103	-0.473	7.114	-0.353	7.124	-0.209	9.848	0.378	9.856	0.425	9.869	0.424	9.884	0.363
7.124	-0.209	7.129	-0.034	7.133	0.014	7.137	0.193	9.894	0.254	9.908	0.157	9.925	0.120	9.940	0.095
7.149	0.317	7.159	0.433	7.167	0.485	7.182	0.465	9.968	0.044	9.988	-0.001	10.004	0.018	10.013	0.033
7.195	0.469	7.214	0.453	7.228	0.452	7.245	0.404	10.031	0.088	10.048	0.119	10.068	0.174	10.088	0.260
7.256	0.324	7.266	0.243	7.272	0.168	7.283	0.032	10.102	0.312	10.120	0.300	10.130	0.228	10.141	0.116
7.292	-0.076	7.299	-0.140	7.309	-0.244	7.319	-0.297	10.148	0.041	10.157	-0.035	10.167	-0.119	10.169	-0.171
7.331	-0.333	7.334	-0.333	7.351	-0.254	7.362	-0.131	10.174	-0.211	10.175	-0.211	10.181	-0.243	10.187	-0.283
7.372	-0.048	7.377	0.072	7.384	0.155	7.394	0.270	10.191	-0.283	10.196	-0.277	10.197	-0.277	10.208	-0.253
7.405	0.298	7.415	0.297	7.431	0.253	7.445	0.185	10.219	-0.234	10.236	-0.204	10.256	-0.158	10.265	-0.091
7.458	0.057	7.467	0.021	7.477	-0.075	7.490	-0.183	10.271	-0.052	10.278	-0.065	10.283	0.043	10.291	0.062
7.515	-0.172	7.521	-0.145	7.543	-0.002	7.557	0.102	10.298	0.086	10.305	0.117	10.318	0.152	10.337	0.147
7.577	0.166	7.599	0.130	7.615	0.066	7.618	0.070	10.354	0.170	10.367	0.182	10.380	0.157	10.386	0.117
7.637	0.030	7.655	-0.010	7.679	-0.030	7.692	-0.093	10.395	0.069	10.402	-0.039	10.410	-0.123	10.419	-0.204
7.703	-0.169	7.714	-0.261	7.734	-0.344	7.756	-0.261	10.427	-0.268	10.445	-0.264	10.466	-0.165	10.477	-0.077
7.769	-0.169	7.778	-0.093	7.790	0.014	7.807	0.126	10.488	-0.077	10.500	-0.113	10.507	-0.140	10.517	-0.184
7.817	0.217	7.827	0.293	7.838	0.389	7.850	0.492	10.530	-0.211	10.531	-0.211	10.546	-0.123	10.554	-0.003
7.870	0.520	7.883	0.528	7.893	0.460	7.905	0.404	10.560	0.093	10.566	0.181	10.578	0.320	10.583	0.388
7.916	0.325	7.932	0.233	7.941	0.153	7.948	0.062	10.595	0.377	10.605	0.349	10.608	0.317	10.621	0.265
7.953	0.010	7.961	-0.042	7.968	-0.126	7.980	-0.222	10.640	0.324	10.652	0.368	10.665	0.392	10.684	0.344

10.693	0.280	10.703	0.216	10.709	0.136	10.715	0.091	15.253	-0.118	15.318	-0.074	15.318	-0.074	15.335	-0.011
10.723	-0.023	10.735	-0.079	10.743	-0.167	10.754	-0.211	15.361	0.024	15.383	0.104	15.406	0.131	15.424	0.183
10.765	-0.283	10.787	-0.355	10.802	-0.359	10.818	-0.303	15.452	0.166	15.477	0.058	15.511	0.009	15.534	-0.043
10.833	-0.172	10.851	-0.029	10.865	0.023	10.881	0.070	15.560	-0.084	15.569	-0.092	15.571	-0.092	15.596	-0.033
10.856	0.162	10.905	0.194	10.913	0.249	10.928	0.237	15.618	0.022	15.635	0.030	15.640	0.030	15.641	0.030
10.942	0.161	10.954	0.093	10.971	0.034	11.010	0.041	15.642	0.020	15.654	-0.043	15.671	-0.055	15.679	-0.107
11.034	0.013	11.057	0.056	11.074	0.132	11.094	0.155	15.701	-0.127	15.721	-0.068	15.735	0.009	15.755	0.007
11.116	0.131	11.135	0.023	11.152	-0.041	11.169	-0.059	15.776	-0.006	15.794	0.029	15.812	0.089	15.824	0.164
11.185	-0.129	11.201	-0.161	11.230	-0.094	11.264	-0.079	15.836	0.219	15.847	0.247	15.856	0.235	15.867	0.203
11.281	0.001	11.295	0.049	11.301	0.109	11.311	0.141	15.876	0.163	15.884	0.114	15.898	0.110	15.916	0.078
11.320	0.177	11.338	0.189	11.339	0.189	11.359	0.110	15.927	0.046	15.940	0.025	15.956	0.001	15.967	0.007
11.378	0.050	11.410	0.023	11.429	-0.009	11.439	-0.069	15.966	0.008	15.958	0.028	16.005	0.032	16.026	0.027
11.470	-0.044	11.482	0.048	11.457	0.159	11.513	0.195	16.045	0.055	16.055	0.078	16.071	0.153	16.078	0.199
11.537	0.163	11.567	0.199	11.591	0.239	11.608	0.159	16.087	0.233	16.095	0.264	16.104	0.276	16.121	0.272
11.615	0.063	11.628	-0.064	11.635	-0.160	11.665	-0.216	16.131	0.220	16.139	0.172	16.146	0.108	16.162	0.067
11.704	-0.140	11.737	-0.085	11.745	-0.041	11.757	0.007	16.167	0.067	16.175	0.063	16.186	0.011	16.213	-0.002
11.783	0.054	11.805	0.046	11.825	0.006	11.849	0.058	16.228	-0.030	16.256	-0.043	16.286	-0.043	16.304	-0.004
11.872	0.146	11.898	0.158	11.912	0.110	11.923	0.074	16.318	0.055	16.332	0.051	16.353	0.078	16.370	0.046
11.937	0.058	11.958	0.122	11.980	0.142	11.988	0.086	16.394	0.014	16.417	0.001	16.436	-0.031	16.449	-0.071
11.958	-0.002	12.002	-0.018	12.015	-0.106	12.052	-0.110	16.465	-0.139	16.477	-0.159	16.494	-0.163	16.457	-0.159
12.073	-0.106	12.097	-0.154	12.128	-0.098	12.143	0.017	16.521	-0.088	16.533	-0.032	16.545	-0.001	16.559	0.043
12.156	0.081	12.176	0.160	12.194	0.216	12.212	0.287	16.569	0.067	16.582	0.106	16.590	0.114	16.610	0.166
12.224	0.307	12.249	0.227	12.262	0.151	12.278	0.035	16.639	0.169	16.664	0.137	16.657	0.133	16.721	0.065
12.291	-0.037	12.303	-0.145	12.312	-0.205	12.326	-0.253	16.743	-0.019	16.759	-0.067	16.790	-0.120	16.829	-0.124
12.352	0.277	12.381	0.270	12.396	-0.167	12.419	-0.059	16.854	0.081	16.878	-0.017	16.897	0.038	16.919	0.078
12.432	0.176	12.444	0.139	12.455	0.199	12.472	0.171	16.939	0.145	16.965	0.157	16.994	0.117	17.018	0.053
12.496	0.107	12.517	0.062	12.534	-0.001	12.550	-0.105	17.037	-0.043	17.059	-0.119	17.070	-0.127	17.085	-0.108
12.558	-0.185	12.578	-0.229	12.599	-0.166	12.605	-0.102	17.097	-0.092	17.118	-0.020	17.135	0.035	17.157	0.055
12.611	-0.050	12.636	0.149	12.662	0.149	12.683	0.132	17.174	0.087	17.185	0.131	17.204	0.155	17.220	0.171
12.705	0.216	12.725	0.220	12.757	0.120	12.789	0.044	17.238	0.171	17.261	0.131	17.275	0.075	17.291	0.023
12.948	0.126	12.979	0.186	13.011	0.146	13.038	0.066	17.495	0.056	17.517	0.052	17.539	0.037	17.555	0.029
13.057	-0.006	13.078	-0.114	13.105	-0.162	13.133	-0.114	17.579	0.057	17.557	0.045	17.623	0.062	17.635	0.002
13.159	-0.066	13.195	-0.043	13.224	0.037	13.249	-0.027	17.653	-0.054	17.678	-0.097	17.704	-0.081	17.728	-0.057
13.283	-0.051	13.329	-0.023	13.359	0.008	13.460	0.084	17.733	-0.069	17.748	-0.057	17.763	-0.053	17.784	-0.104
13.393	0.096	13.413	0.080	13.437	0.064	13.460	0.084	17.807	-0.072	17.824	-0.040	17.841	-0.008	17.858	0.004
13.472	0.060	13.488	-0.039	13.496	-0.123	13.506	-0.198	17.877	0.024	17.885	0.052	17.914	0.088	17.928	0.124
13.519	-0.270	13.542	-0.226	13.553	-0.166	13.571	-0.118	17.946	0.143	17.958	0.151	17.973	0.183	17.993	0.159
13.584	-0.110	13.602	-0.106	13.622	-0.022	13.633	0.078	18.007	0.123	18.006	0.123	18.017	0.036	18.025	-0.016
13.642	0.154	13.652	0.222	13.662	0.242	13.674	0.202	18.039	-0.072	18.046	-0.096	18.056	-0.124	18.073	-0.148
13.694	0.083	13.709	0.031	13.737	0.023	13.756	-0.012	18.056	-0.156	18.121	-0.148	18.133	-0.084	18.149	-0.021
13.771	-0.112	13.791	-0.215	13.816	-0.246	13.824	-0.234	18.167	0.023	18.163	0.075	18.207	-0.114	18.224	0.142
13.845	-0.158	13.873	-0.098	13.856	-0.007	13.913	0.049	18.240	0.158	18.262	0.134	18.274	0.110	18.293	0.062
13.937	0.153	13.960	0.212	13.985	0.180	14.001	0.125	18.301	0.022	18.313	0.029	18.330	-0.085	18.340	-0.133
14.021	0.041	14.035	-0.019	14.070	-0.011	14.095	0.065	18.353	-0.153	18.376	-0.077	18.606	-0.121	18.624	-0.153
14.129	0.076	14.170	0.088	14.201	0.119	14.229	0.099	18.417	-0.038	18.439	-0.018	18.462	0.002	18.480	0.042
14.257	0.047	14.289	0.107	14.306	0.107	14.329	0.071	18.488	0.030	18.512	0.030	18.530	0.008	18.551	-0.042
14.356	-0.041	14.376	-0.125	14.405	-0.189	14.439	-0.213	18.571	0.062	18.593	-0.077	18.606	-0.047	18.686	0.047
14.467	-0.161	14.485	-0.109	14.515	0.042	14.531	0.141	18.639	-0.137	18.657	-0.069	18.767	0.011	18.789	0.025
14.547	0.229	14.568	0.297	14.596	0.265	14.623	0.201	18.720	0.043	18.742	0.031	18.808	-0.024	18.809	-0.024
14.641	0.161	14.650	0.137	14.681	0.041	14.709	-0.055	18.829	0.007	18.855	0.019	18.885	0.019	18.914	0.047
14.747	-0.143	14.770	-0.227	14.797	-0.255	14.822	-0.179	18.941	0.067	18.962	0.055	18.954	0.082	19.018	0.038
14.850	-0.151	14.879	-0.064	14.900	0.047	14.930	0.087	18.941	0.067	18.962	0.055	18.954	0.082	19.018	0.038
14.972	0.110	15.002	0.030	15.029	0.060	15.052	-0.162	19.040	0.006	19.055	-0.035	19.075	-0.067	19.107	-0.119
15.093	-0.139	15.125	-0.031	15.142	0.060	15.163	0.100	19.132	-0.068	19.158	-0.044	19.135	-0.029	19.180	-0.029
15.190	0.071	15.222	0.095	15.250	0.046	15.269	-0.034								

19.181	-0.029	19.196	0.006	19.217	0.033	19.233	0.065	22.904	0.077	22.931	0.055	22.958	0.069	22.988	0.037
19.247	0.084	19.261	0.103	19.281	0.118	19.293	0.118	23.016	0.037	23.054	0.048	23.095	0.048	23.121	0.012
19.311	0.031	19.321	0.069	19.332	0.028	19.335	0.024	23.149	-0.036	23.180	-0.056	23.212	-0.068	23.238	-0.073
19.336	0.024	19.354	-0.020	19.371	-0.061	19.390	-0.086	23.257	-0.045	23.282	0.031	23.304	0.050	23.325	0.054
19.425	-0.095	19.457	-0.096	19.478	-0.060	19.495	-0.017	23.357	0.054	23.385	0.062	23.401	0.086	23.427	0.061
19.508	0.055	19.523	0.126	19.537	0.158	19.553	0.158	23.456	0.005	23.482	-0.019	23.510	-0.046	23.534	-0.071
19.559	0.158	19.580	0.150	19.598	0.142	19.616	0.138	23.554	-0.067	23.575	-0.023	23.599	-0.027	23.633	-0.047
19.632	0.138	19.640	0.118	19.651	0.094	19.664	0.034	23.667	0.055	23.691	-0.031	23.722	-0.043	23.742	-0.123
19.672	-0.066	19.686	-0.050	19.700	-0.065	19.719	-0.101	23.775	-0.091	23.802	0.027	23.839	0.021	23.871	0.033
19.741	-0.101	19.759	-0.035	19.773	-0.054	19.787	-0.050	23.899	0.061	23.923	0.053	23.954	-0.003	23.983	-0.031
19.803	-0.022	19.821	-0.026	19.832	-0.030	19.837	-0.038	24.012	-0.082	24.036	-0.116	24.057	-0.114	24.087	-0.054
19.852	-0.042	19.862	-0.022	19.863	-0.026	19.874	-0.018	24.104	-0.026	24.132	-0.042	24.152	-0.062	24.173	-0.050
19.889	-0.014	19.908	-0.014	19.921	-0.010	19.939	-0.010	24.193	-0.034	24.215	-0.042	24.242	-0.066	24.259	-0.062
19.949	-0.006	19.958	-0.010	19.967	-0.022	19.976	-0.026	24.283	-0.018	24.316	0.026	24.349	0.038	24.376	0.046
19.981	-0.027	20.000	-0.027	20.014	-0.043	20.021	-0.051	24.408	0.014	24.426	-0.014	24.452	-0.014	24.471	0.005
20.028	-0.055	20.039	-0.075	20.050	-0.071	20.057	-0.052	24.495	-0.003	24.526	-0.031	24.556	-0.043	24.587	-0.024
20.070	-0.029	20.077	-0.005	20.083	0.022	20.083	0.022	24.609	-0.008	24.638	0.016	24.693	0.027	24.715	0.027
20.099	0.053	20.107	0.080	20.116	0.088	20.126	0.095	24.758	-0.018	24.802	-0.078	24.835	-0.115	24.871	-0.135
20.127	0.095	20.142	0.103	20.152	0.059	20.168	0.046	24.909	-0.096	24.937	-0.065	24.967	-0.077	25.010	-0.106
20.181	-0.034	20.187	-0.046	20.187	-0.046	20.188	-0.046	25.033	-0.118	25.056	-0.110	25.075	-0.063	25.098	-0.019
20.212	-0.062	20.243	-0.022	20.268	-0.046	20.288	-0.066	25.130	0.004	25.155	0.032	25.175	0.059	25.195	0.063
20.253	-0.066	20.294	-0.066	20.304	-0.038	20.313	-0.010	25.220	0.027	25.244	0.017	25.275	0.007	25.297	-0.006
20.322	0.030	20.332	0.062	20.338	0.078	20.344	0.086	25.320	0.034	25.337	0.034	25.370	0.010	25.401	0.037
20.352	0.086	20.363	0.086	20.372	0.082	20.380	0.062	25.429	0.085	25.455	0.063	25.484	0.068	25.531	-0.012
20.389	0.049	20.401	0.053	20.413	0.069	20.420	0.085	25.553	-0.040	25.585	-0.061	25.614	-0.057	25.643	-0.073
20.430	0.101	20.441	0.101	20.451	0.080	20.455	0.060	25.683	0.006	25.715	0.033	25.756	0.028	25.789	-0.020
20.459	0.044	20.470	0.012	20.472	0.008	20.482	-0.012	25.826	-0.045	25.856	-0.081	25.881	-0.093	25.917	-0.050
20.491	-0.037	20.498	-0.069	20.506	-0.090	20.512	-0.095	25.953	-0.019	25.979	-0.016	26.019	0.047	26.067	0.042
20.515	-0.095	20.520	-0.096	20.527	-0.096	20.531	-0.101	26.097	0.018	26.127	-0.033	26.177	-0.011	26.224	-0.020
20.536	-0.121	20.537	-0.121	20.538	-0.121	20.543	-0.114	26.255	-0.029	26.275	-0.021	26.299	-0.026	26.329	-0.018
20.547	-0.122	20.551	-0.139	20.557	-0.148	20.568	-0.148	26.356	0.009	26.355	0.013	26.425	0.017	26.448	0.040
20.559	-0.148	20.560	-0.148	20.579	-0.108	20.610	0.007	26.475	0.044	26.501	0.023	26.521	0.015	26.549	0.031
20.630	0.054	20.655	0.034	20.677	0.066	20.700	0.097	26.574	0.047	26.598	0.026	26.626	-0.002	26.680	0.006
20.716	0.105	20.732	0.037	20.751	0.028	20.780	0.016	26.724	0.021	26.756	0.025	26.783	0.061	26.802	0.084
20.797	-0.004	20.814	-0.036	20.833	-0.084	20.857	-0.044	26.829	0.052	26.854	-0.008	26.880	-0.024	26.903	-0.028
20.878	0.032	20.895	0.071	20.924	0.087	20.958	0.071	26.927	-0.072	26.944	-0.052	26.967	-0.089	26.990	-0.053
20.989	0.039	21.017	-0.009	21.028	-0.061	21.057	-0.124	27.015	-0.029	27.044	-0.021	27.064	-0.005	27.078	0.007
21.075	-0.192	21.090	-0.208	21.111	-0.145	21.128	-0.081	27.108	-0.002	27.144	-0.022	27.165	-0.042	27.158	-0.038
21.142	-0.057	21.162	-0.045	21.183	-0.021	21.206	0.030	27.216	-0.038	27.237	-0.018	27.259	-0.018	27.308	-0.042
21.227	0.078	21.246	0.070	21.265	0.062	21.284	0.082	27.342	-0.077	27.370	-0.017	27.402	-0.042	27.435	0.006
21.302	0.098	21.324	0.054	21.342	-0.002	21.353	-0.030	27.482	0.018	27.529	0.026	27.558	0.002	27.597	-0.073
21.374	-0.026	21.403	-0.026	21.426	-0.050	21.440	-0.066	27.627	-0.097	27.661	-0.065	27.706	-0.053	27.747	0.023
21.470	0.018	21.497	0.058	21.531	0.058	21.559	0.095	27.780	0.078	27.822	0.059	27.870	0.027	27.914	-0.001
21.588	0.059	21.610	-0.025	21.624	-0.044	21.648	-0.056	27.944	-0.017	27.955	0.003	28.020	-0.005	28.043	-0.009
21.669	-0.068	21.692	-0.080	21.720	-0.052	21.742	-0.035	28.072	0.007	28.104	-0.017	28.124	-0.029	28.149	-0.001
21.786	-0.023	21.833	-0.014	21.854	-0.006	21.900	0.046	28.170	0.023	28.199	0.007	28.241	-0.030	28.278	-0.046
21.923	0.075	21.944	0.083	21.976	0.043	21.995	0.023	28.318	-0.067	28.360	-0.040	28.401	-0.016	28.443	0.039
22.024	0.015	22.053	-0.013	22.083	-0.025	22.112	-0.010	28.471	0.054	28.508	0.046	28.554	0.022	28.599	-0.003
22.139	0.014	22.168	0.006	22.187	-0.006	22.214	0.002	28.622	-0.027	28.652	-0.019	28.651	-0.071	28.720	-0.044
22.248	0.022	22.282	0.009	22.301	0.013	22.333	0.073	28.754	-0.024	28.786	0.016	28.818	0.004	28.845	0.016
22.352	0.057	22.373	0.092	22.397	0.060	22.419	0.024	28.906	0.044	28.961	0.044	29.003	0.044	29.035	-0.011
22.442	0.008	22.471	-0.020	22.498	-0.051	22.527	-0.047	29.059	-0.035	29.075	-0.023	29.107	-0.007	29.143	-0.019
22.551	-0.031	22.575	-0.047	22.591	-0.063	22.617	-0.023	29.164	-0.015	29.202	0.025	29.229	0.025	29.261	0.014
22.535	0.037	22.561	0.065	22.685	0.089	22.711	0.117	29.291	0.006	29.323	0.006	29.350	-0.046	29.373	-0.070
22.721	0.121	22.736	0.105	22.757	0.053	22.773	-0.011	29.409	-0.062	29.450	-0.058	29.474	-0.042	29.495	0.006
22.787	-0.039	22.821	-0.027	22.846	-0.023	22.875	0.025	29.522	0.030	29.554	0.026	29.581	-0.006	29.616	-0.026

29.644	-0.043	29.676	-0.055	29.705	-0.019	29.729	0.001	34.530	-0.056	34.548	-0.068	34.570	-0.056	34.588	-0.044
29.763	-0.003	29.791	-0.007	29.825	-0.003	29.857	0.008	34.624	-0.048	34.648	-0.040	34.669	-0.012	34.691	-0.004
29.860	-0.020	29.905	-0.068	29.938	-0.068	29.965	-0.060	34.705	-0.020	34.724	-0.056	34.742	-0.075	34.764	-0.068
29.999	-0.080	30.030	-0.083	30.066	-0.080	30.095	-0.072	34.787	-0.052	34.815	-0.060	34.835	-0.066	34.855	-0.044
30.122	-0.033	30.146	0.000	30.191	0.002	30.222	0.006	34.862	-0.028	34.905	-0.020	34.933	-0.024	34.958	-0.036
30.246	0.005	30.270	-0.015	30.288	-0.031	30.310	-0.036	34.983	-0.068	35.009	-0.072	35.033	-0.076	35.053	-0.068
30.333	-0.040	30.359	-0.065	30.384	-0.081	30.426	-0.078	35.077	-0.068	35.077	-0.076	35.117	-0.065	35.135	-0.049
30.453	-0.075	30.485	-0.076	30.506	-0.080	30.527	-0.093	35.164	-0.061	35.193	-0.076	35.221	-0.065	35.254	-0.066
30.547	-0.045	30.571	0.010	30.593	0.001	30.620	0.004	35.282	-0.062	35.306	-0.039	35.330	-0.015	35.353	-0.011
30.650	0.008	30.685	-0.017	30.706	-0.038	30.733	-0.022	35.381	-0.028	35.401	-0.036	35.428	-0.048	35.457	-0.056
30.760	-0.011	30.789	-0.035	30.813	-0.044	30.844	-0.049	35.450	-0.057	35.518	-0.049	35.542	-0.038	35.568	-0.013
30.872	-0.077	30.901	-0.085	30.928	-0.097	30.942	-0.085	35.553	-0.017	35.614	-0.005	35.633	-0.017	35.652	-0.037
30.961	-0.058	30.980	-0.026	30.999	-0.006	31.018	-0.010	35.670	-0.056	35.691	-0.076	35.717	-0.080	35.746	-0.076
31.033	-0.002	31.053	-0.018	31.078	-0.030	31.101	-0.050	35.772	-0.056	35.800	-0.040	35.826	-0.012	35.853	-0.009
31.128	-0.058	31.156	-0.059	31.179	-0.055	31.198	-0.047	35.875	0.001	35.899	-0.023	35.922	-0.031	35.947	-0.023
31.218	-0.028	31.238	-0.004	31.256	0.012	31.273	-0.008	35.968	-0.011	35.988	-0.031	36.009	-0.039	36.029	-0.023
31.296	-0.029	31.319	-0.041	31.336	-0.029	31.359	-0.030	36.052	-0.003	36.071	-0.029	36.094	-0.033	36.118	-0.037
31.382	-0.038	31.402	-0.034	31.420	-0.034	31.440	-0.039	36.137	0.025	36.159	0.001	36.182	-0.019	36.206	-0.036
31.459	-0.031	31.481	0.005	31.497	0.024	31.517	0.036	36.235	-0.040	36.260	-0.044	36.288	-0.044	36.312	-0.045
31.534	0.024	31.551	0.008	31.572	0.007	31.595	0.003	36.334	-0.053	36.352	-0.046	36.381	-0.081	36.404	-0.073
31.615	-0.001	31.634	0.007	31.656	0.011	31.670	0.019	36.400	-0.049	36.419	-0.041	36.438	-0.049	36.456	-0.061
31.684	-0.001	31.700	-0.029	31.718	-0.053	31.736	-0.037	36.470	-0.069	36.489	-0.050	36.510	-0.034	36.526	-0.022
31.760	-0.017	31.785	-0.018	31.801	-0.026	31.818	-0.010	36.540	-0.034	36.561	-0.046	36.586	-0.042	36.610	-0.034
31.836	0.030	31.854	0.050	31.864	0.058	31.879	0.050	36.630	-0.034	36.648	-0.046	36.667	-0.034	36.687	-0.007
31.867	0.025	31.921	0.013	31.942	0.013	31.964	0.001	36.707	0.005	36.727	-0.003	36.750	-0.004	36.775	-0.012
31.983	-0.023	32.003	-0.019	32.020	-0.011	32.042	-0.012	36.751	0.020	36.814	-0.019	36.839	-0.027	36.862	-0.023
32.065	-0.016	32.083	-0.028	32.102	-0.024	32.122	-0.004	36.884	0.010	36.906	-0.002	36.930	-0.001	36.947	-0.001
32.140	-0.000	32.162	-0.008	32.181	-0.013	32.199	0.003	36.968	0.000	36.991	-0.008	37.014	-0.001	37.038	-0.015
32.217	0.019	32.236	0.007	32.257	0.007	32.275	0.003	37.062	0.002	37.081	-0.002	37.114	-0.005	37.132	-0.020
32.296	-0.013	32.319	-0.038	32.339	-0.058	32.353	-0.034	37.156	0.012	37.166	0.019	37.212	-0.022	37.244	-0.026
32.374	-0.042	32.393	-0.030	32.418	-0.030	32.442	-0.022	37.267	0.025	37.298	0.025	37.319	-0.005	37.341	-0.028
32.464	-0.010	32.482	-0.006	32.500	-0.022	32.529	-0.018	37.367	-0.052	37.388	-0.036	37.408	-0.053	37.434	-0.041
32.548	-0.010	32.565	-0.015	32.589	-0.031	32.607	-0.040	37.457	-0.029	37.466	-0.021	37.514	-0.013	37.544	-0.013
32.630	-0.040	32.652	-0.041	32.675	-0.025	32.699	-0.002	37.566	-0.025	37.585	-0.041	37.599	-0.054	37.612	-0.062
32.723	0.006	32.745	0.001	32.764	0.009	32.783	0.028	37.627	-0.050	37.643	-0.022	37.663	-0.014	37.685	0.029
32.795	0.044	32.806	0.036	32.825	0.011	32.846	-0.013	37.709	0.037	37.740	0.037	37.762	-0.044	37.785	-0.010
32.869	-0.018	32.893	-0.022	32.919	-0.037	32.937	-0.053	37.810	0.020	37.833	-0.001	37.856	-0.001	37.881	-0.010
32.960	-0.045	32.981	-0.021	33.001	0.003	33.018	0.015	37.908	-0.003	37.934	0.009	37.960	-0.016	37.996	0.019
33.078	0.003	33.062	-0.013	33.082	-0.033	33.103	-0.045	38.025	0.026	38.053	0.029	38.080	-0.029	38.107	-0.000
33.120	-0.041	33.140	-0.021	33.162	-0.001	33.183	-0.005	38.133	-0.004	38.162	0.003	38.186	0.007	38.212	-0.017
33.223	0.015	33.223	0.027	33.235	0.035	33.253	0.027	38.242	-0.013	38.268	-0.013	38.293	-0.037	38.316	-0.061
33.273	-0.013	33.291	-0.045	33.311	-0.053	33.331	-0.053	38.335	-0.065	38.360	-0.061	38.382	-0.066	38.409	-0.062
33.357	-0.045	33.374	-0.034	33.395	-0.014	33.413	-0.062	38.435	-0.062	38.457	-0.057	38.479	-0.026	38.496	-0.018
33.432	0.005	33.458	0.081	33.481	0.081	33.501	0.077	38.525	-0.026	38.546	-0.018	38.565	-0.002	38.587	-0.006
33.517	0.057	33.538	0.001	33.559	-0.043	33.570	-0.055	38.608	-0.014	38.633	-0.002	38.657	-0.010	38.680	-0.030
33.588	-0.031	33.609	-0.023	33.632	-0.031	33.655	-0.039	38.702	-0.042	38.728	-0.042	38.753	-0.042	38.778	-0.046
33.678	-0.028	33.695	0.000	33.720	0.016	33.751	0.012	38.799	-0.046	38.820	-0.034	38.835	-0.022	38.864	-0.006
33.718	0.004	33.806	-0.004	33.832	-0.001	33.861	0.003	38.887	-0.006	38.912	0.001	38.932	0.009	38.955	-0.009
33.816	-0.009	33.915	-0.025	33.938	-0.022	33.961	-0.014	38.925	0.026	38.953	0.029	38.980	-0.009	39.009	-0.015
33.978	-0.030	33.995	-0.070	34.009	-0.083	34.023	-0.067	39.067	-0.043	39.089	-0.052	39.112	-0.052	39.133	-0.048
34.041	-0.027	34.055	-0.004	34.071	0.012	34.086	0.004	39.158	-0.052	39.184	-0.041	39.205	-0.009	39.233	-0.005
34.118	0.016	34.142	0.028	34.164	0.020	34.190	-0.008	39.261	-0.067	39.284	-0.061	39.312	-0.010	39.346	-0.022
34.206	-0.017	34.223	0.003	34.242	0.027	34.257	0.039	39.371	-0.042	39.398	-0.050	39.424	-0.066	39.452	-0.063
34.275	0.027	34.294	-0.005	34.307	-0.013	34.323	0.007	39.463	-0.059	39.512	-0.053	39.538	-0.056	39.558	-0.040
34.348	0.031	34.366	0.039	34.390	0.028	34.418	0.016	39.581	-0.028	39.601	-0.021	39.623	-0.021	39.648	-0.021
34.441	0.004	34.461	-0.012	34.485	-0.028	34.510	-0.040	39.669	-0.021	39.691	-0.038	39.711	-0.042	39.735	-0.038

39.763	-0.031	39.785	-0.027	39.816	-0.012	39.844	-0.008
39.871	-0.013	39.891	-0.025	39.915	-0.041	39.939	-0.050
39.964	-0.050	39.987	-0.038	40.012	-0.027	40.035	-0.023
40.058	-0.027	40.089	-0.019	40.115	-0.020	40.141	-0.016
40.166	-0.020	40.193	-0.012	40.223	-0.012	40.251	-0.016
40.278	-0.016	40.305	-0.020	40.329	-0.032	40.359	-0.028
40.384	-0.020	40.406	-0.020	40.433	-0.036	40.462	-0.041
40.496	-0.045	40.527	-0.034	40.553	-0.022	40.573	-0.005
40.555	-0.005	40.620	0.001	40.642	0.004	40.663	0.016
40.683	0.031	40.710	0.011	40.735	-0.002	40.762	-0.002
40.782	-0.003	40.805	-0.011	40.841	-0.012	40.873	-0.016
40.903	-0.013	40.934	-0.013	40.956	-0.021	40.974	-0.146
40.993	-0.062	41.011	-0.066	41.032	-0.058	41.052	-0.043
41.076	-0.004	41.101	-0.023	41.116	-0.016	41.137	-0.008
41.158	-0.004	41.182	-0.005	41.210	-0.005	41.233	-0.006
41.259	-0.010	41.285	-0.003	41.309	0.008	41.352	-0.001
41.378	-0.013	41.389	-0.014	41.357	-0.018	41.405	-0.018
41.417	-0.022	41.434	-0.026	41.447	-0.038	41.457	-0.046
41.471	-0.046	41.487	-0.046	41.500	-0.046	41.514	-0.054
41.528	-0.066	41.537	-0.066	41.546	-0.073	41.558	-0.070
41.573	-0.062	41.591	-0.050	41.607	-0.042	41.619	-0.030
41.633	-0.026	41.644	-0.014	41.656	-0.002	41.669	0.002
41.682	-0.002	41.696	-0.015	41.712	-0.027	41.725	-0.031
41.737	-0.028	41.754	-0.032	41.766	-0.033	41.781	-0.033
41.755	-0.045	41.807	-0.049	41.821	-0.038	41.837	-0.034
41.858	-0.030	41.872	-0.030	41.886	-0.022	41.908	-0.018
41.928	-0.010	41.946	-0.006	41.965	-0.018	41.988	-0.030
42.006	-0.030	42.029	-0.034	42.046	-0.046	42.065	-0.058
42.085	-0.058	42.099	-0.066	42.118	-0.055	42.140	-0.039
42.162	-0.028	42.182	-0.017	42.202	-0.017	42.210	-0.025
42.227	-0.017	42.244	-0.018	42.265	-0.018	42.280	-0.022
42.293	-0.034	42.310	-0.046	42.326	-0.062	42.347	-0.062
42.368	-0.058	42.387	-0.058	42.404	-0.054	42.421	-0.050
42.445	-0.034	42.470	-0.030	42.490	-0.019	42.508	-0.015
42.522	-0.008	42.533	-0.012	42.549	-0.025	42.568	-0.041
42.590	-0.065	42.610	-0.081	42.630	-0.081	42.647	-0.081
42.665	-0.073	42.685	-0.066	42.705	-0.046	42.723	-0.038
42.742	-0.030	42.759	-0.026	42.776	-0.034	42.796	-0.043
42.814	-0.059	42.830	-0.064	42.850	-0.064	42.871	-0.069
42.893	-0.077	42.910	-0.085	42.925	-0.089	42.946	-0.077
42.970	-0.069	42.996	-0.053	43.014	-0.040	43.033	-0.028
43.050	-0.023	43.071	-0.019	43.088	-0.030	43.104	-0.038
43.118	-0.030	43.128	-0.030	43.144	-0.042	43.161	-0.058
43.181	-0.066	43.197	-0.059	43.216	-0.039	43.238	-0.023
43.261	-0.016	43.283	-0.012	43.304	-0.005	43.321	-0.009
43.345	-0.013	43.371	-0.033	43.393	-0.045	43.417	-0.052
43.444	-0.052	43.461	-0.048	43.480	-0.051	43.493	-0.035
43.507	-0.019						



IN185

71.066 2/9/71 0600PST CARBON CANYON DAM

2293 PCINTS 43.557 SECCADS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0742 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.037	0.012	-0.049	0.024	-0.073	0.043	-0.033	1.863	0.142	1.673	0.011	1.883	-0.113	1.691	-0.192	1.851	-0.192	1.691	-0.192
0.060	0.031	0.073	0.091	0.078	0.123	0.091	0.151	1.902	-0.256	1.911	-0.280	1.921	-0.360	1.925	-0.300	1.925	-0.300	1.925	-0.300
0.108	0.135	0.120	0.108	0.140	0.056	0.152	0.013	1.931	-0.220	1.939	-0.172	1.947	-0.113	1.959	-0.089	1.959	-0.089	1.959	-0.089
0.158	-0.031	0.168	-0.091	0.180	-0.118	0.201	-0.086	1.966	-0.025	1.977	0.035	1.988	0.079	1.989	0.182	1.989	0.182	1.989	0.182
0.215	-0.030	0.215	-0.018	0.227	-0.050	0.237	0.042	1.994	0.214	2.001	0.282	2.005	0.322	2.014	0.334	2.014	0.334	2.014	0.334
0.248	0.018	0.257	-0.058	0.272	-0.058	0.284	0.074	2.031	0.298	2.037	0.254	2.045	0.195	2.048	0.143	2.048	0.143	2.048	0.143
0.289	0.054	0.293	0.138	0.297	0.118	0.300	0.174	2.051	0.087	2.054	0.035	2.055	-0.012	2.059	-0.064	2.059	-0.064	2.059	-0.064
0.311	0.202	0.318	0.166	0.326	0.082	0.330	0.019	2.065	0.136	2.077	-0.148	2.086	-0.112	2.096	-0.128	2.096	-0.128	2.096	-0.128
0.335	-0.061	0.342	-0.121	0.345	-0.181	0.354	-0.208	2.103	-0.076	2.112	-0.187	2.125	-0.207	2.143	-0.147	2.143	-0.147	2.143	-0.147
0.362	-0.177	0.371	-0.117	0.380	-0.077	0.386	-0.045	2.151	-0.076	2.160	-0.032	2.165	-0.052	2.172	-0.172	2.172	-0.172	2.172	-0.172
0.403	-0.041	0.419	-0.037	0.430	-0.037	0.445	0.035	2.178	0.263	2.190	0.275	2.200	0.192	2.214	0.124	2.214	0.124	2.214	0.124
0.457	0.114	0.468	0.146	0.480	0.138	0.490	0.094	2.226	0.048	2.229	-0.047	2.230	-0.047	2.241	-0.155	2.241	-0.155	2.241	-0.155
0.458	0.047	0.505	-0.009	0.514	-0.045	0.530	-0.037	2.245	-0.246	2.268	-0.234	2.283	-0.123	2.295	-0.055	2.295	-0.055	2.295	-0.055
0.545	0.027	0.554	0.035	0.566	0.019	0.579	-0.037	2.312	0.045	2.322	0.188	2.333	0.308	2.339	0.396	2.339	0.396	2.339	0.396
0.585	-0.061	0.593	-0.141	0.611	-0.129	0.628	-0.133	2.349	0.452	2.373	0.312	2.380	0.189	2.390	0.049	2.390	0.049	2.390	0.049
0.649	-0.061	0.667	0.011	0.685	0.071	0.698	0.094	2.397	-0.054	2.402	-0.118	2.413	-0.134	2.431	-0.154	2.431	-0.154	2.431	-0.154
0.706	0.158	0.724	0.170	0.737	0.122	0.754	0.134	2.437	-0.245	2.447	-0.229	2.466	-0.221	2.471	-0.101	2.471	-0.101	2.471	-0.101
0.768	0.126	0.778	0.055	0.783	-0.029	0.789	-0.121	2.488	-0.026	2.456	0.034	2.518	0.018	2.536	0.046	2.536	0.046	2.536	0.046
0.792	-0.161	0.794	-0.220	0.801	-0.272	0.823	-0.244	2.553	0.150	2.555	0.194	2.572	0.222	2.590	0.182	2.590	0.182	2.590	0.182
0.837	-0.188	0.850	-0.077	0.863	0.011	0.886	-0.005	2.605	0.170	2.628	0.118	2.645	0.035	2.659	-0.093	2.659	-0.093	2.659	-0.093
0.905	0.074	0.922	0.186	0.940	0.126	0.948	0.078	2.676	-0.204	2.699	-0.149	2.730	-0.073	2.745	0.114	2.745	0.114	2.745	0.114
0.951	0.067	0.968	-0.029	0.976	-0.057	0.995	-0.049	2.752	0.202	2.757	0.310	2.774	0.341	2.794	0.158	2.794	0.158	2.794	0.158
1.006	-0.005	1.020	-0.025	1.030	-0.065	1.046	-0.081	2.803	-0.009	2.811	-0.055	2.823	-0.169	2.842	-0.168	2.842	-0.168	2.842	-0.168
1.058	-0.093	1.076	-0.113	1.087	-0.003	1.106	0.071	2.853	-0.200	2.869	0.248	2.892	-0.117	2.906	0.015	2.906	0.015	2.906	0.015
1.121	-0.009	1.136	-0.045	1.151	-0.009	1.161	0.090	2.913	0.118	2.919	0.318	2.929	0.401	2.942	0.341	2.942	0.341	2.942	0.341
1.172	0.150	1.176	0.230	1.190	0.202	1.195	0.178	2.956	0.226	2.961	0.052	2.965	-0.049	2.972	-0.117	2.972	-0.117	2.972	-0.117
1.202	0.102	1.209	0.039	1.214	-0.029	1.220	0.061	2.981	-0.212	3.005	-0.212	3.019	-0.093	3.031	0.019	3.031	0.019	3.031	0.019
1.227	-0.089	1.235	-0.113	1.252	-0.109	1.252	-0.109	3.050	0.015	3.071	-0.045	3.085	-0.117	3.106	-0.133	3.106	-0.133	3.106	-0.133
1.275	-0.037	1.285	0.007	1.299	0.015	1.317	0.031	3.124	0.007	3.141	0.055	3.166	0.051	3.181	0.186	3.181	0.186	3.181	0.186
1.325	0.110	1.331	0.178	1.343	0.186	1.354	0.091	3.201	0.234	3.213	0.178	3.221	-0.074	3.240	-0.017	3.240	-0.017	3.240	-0.017
1.361	-0.001	1.366	-0.069	1.375	-0.120	1.390	-0.184	3.253	-0.045	3.276	-0.025	3.286	-0.077	3.307	-0.057	3.307	-0.057	3.307	-0.057
1.399	-0.228	1.413	-0.255	1.423	-0.208	1.432	-0.168	3.330	0.015	3.343	0.052	3.350	0.106	3.373	0.046	3.373	0.046	3.373	0.046
1.440	-0.012	1.453	0.016	1.469	0.020	1.473	0.076	3.385	0.026	3.405	0.002	3.417	-0.066	3.427	-0.070	3.427	-0.070	3.427	-0.070
1.445	0.171	1.495	0.215	1.511	0.172	1.524	0.104	3.442	0.117	3.456	0.025	3.465	0.165	3.487	-0.023	3.487	-0.023	3.487	-0.023
1.533	-0.055	1.543	-0.158	1.550	-0.258	1.561	-0.282	3.456	-0.142	3.504	-0.282	3.520	-0.234	3.520	-0.234	3.520	-0.234	3.520	-0.234
1.569	-0.274	1.583	-0.034	1.600	0.097	1.636	0.154	3.545	0.036	3.558	0.140	3.575	0.104	3.593	0.056	3.593	0.056	3.593	0.056
1.654	0.213	1.667	0.206	1.680	0.118	1.691	-0.009	3.606	0.060	3.627	0.103	3.638	0.162	3.653	0.075	3.653	0.075	3.653	0.075
1.705	-0.113	1.716	-0.169	1.735	-0.232	1.753	-0.252	3.673	0.078	3.684	-0.061	3.691	-0.165	3.702	-0.249	3.702	-0.249	3.702	-0.249
1.773	-0.220	1.787	-0.133	1.801	0.051	1.810	0.246	3.710	-0.257	3.717	-0.021	3.727	-0.043	3.740	-0.021	3.740	-0.021	3.740	-0.021
1.816	0.314	1.833	0.334	1.848	0.258	1.853	0.260	3.750	0.008	3.762	-0.034	3.777	-0.092	3.795	0.031	3.795	0.031	3.795	0.031

3.828	0.110	3.851	0.121	3.866	0.077	3.886	0.144	6.847	0.093	6.868	0.010	6.879	-0.050	6.887	-0.193
3.906	0.167	3.916	0.051	3.924	-0.085	3.931	-0.224	6.904	-0.145	6.920	0.066	6.933	-0.058	6.952	0.050
3.947	-0.309	3.972	-0.341	3.988	-0.147	4.000	-0.051	6.970	0.023	6.980	-0.001	6.985	-0.033	7.004	-0.065
4.009	0.116	4.019	0.275	4.026	0.394	4.037	0.457	7.016	-0.041	7.037	-0.033	7.045	-0.001	7.060	-0.022
4.053	0.421	4.060	0.313	4.070	0.181	4.080	0.057	7.073	-0.017	7.083	-0.061	7.085	-0.101	7.100	-0.129
4.100	-0.007	4.111	-0.079	4.126	-0.127	4.142	-0.140	7.109	-0.137	7.123	-0.037	7.128	-0.038	7.144	0.038
4.155	-0.292	4.179	-0.073	4.193	0.078	4.209	0.024	7.164	0.010	7.187	-0.034	7.193	-0.034	7.221	-0.058
4.218	0.294	4.232	0.208	4.247	0.060	4.249	-0.028	7.237	0.129	7.250	0.129	7.266	0.117	7.279	0.101
4.254	-0.139	4.267	-0.208	4.288	-0.272	4.313	-0.117	7.293	0.121	7.313	0.038	7.323	-0.050	7.339	-0.094
4.323	0.062	4.339	0.173	4.353	0.069	4.368	-0.059	7.339	-0.050	7.364	0.042	7.387	-0.019	7.414	-0.031
4.390	0.072	4.405	0.191	4.434	0.198	4.446	0.098	7.430	-0.015	7.442	0.049	7.460	0.013	7.475	-0.019
4.467	-0.022	4.480	-0.122	4.484	-0.162	4.495	-0.178	7.453	0.004	7.505	-0.071	7.528	-0.107	7.533	-0.060
4.504	-0.162	4.526	-0.151	4.544	-0.167	4.552	-0.119	7.534	-0.060	7.546	0.004	7.568	0.008	7.583	0.063
4.564	0.012	4.579	0.075	4.600	0.131	4.612	0.166	7.603	0.004	7.614	0.064	7.637	-0.140	7.654	-0.148
4.624	0.138	4.633	0.026	4.641	-0.133	4.649	-0.209	7.665	-0.041	7.674	0.063	7.683	0.127	7.696	-0.170
4.662	-0.237	4.674	-0.218	4.678	-0.174	4.690	-0.019	7.710	0.075	7.730	-0.041	7.744	-0.129	7.751	-0.037
4.703	0.144	4.717	0.224	4.717	0.224	4.726	0.160	7.763	-0.153	7.773	-0.089	7.785	-0.057	7.791	-0.037
4.735	0.036	4.751	-0.064	4.768	-0.125	4.788	-0.097	7.811	0.001	7.821	0.031	7.836	0.130	7.877	0.150
4.793	-0.002	4.812	0.161	4.819	0.205	4.835	0.188	7.893	0.102	7.905	0.023	7.920	-0.061	7.936	-0.105
4.844	0.172	4.850	0.128	4.855	0.092	4.869	0.056	7.975	-0.069	7.993	0.011	8.011	0.059	8.022	0.003
4.864	0.103	4.892	0.115	4.900	0.103	4.913	0.054	8.052	-0.101	8.068	-0.200	8.095	-0.169	8.118	0.011
4.925	0.018	4.947	-0.002	4.968	-0.019	4.976	-0.063	8.127	0.134	8.136	0.330	8.159	0.345	8.173	0.230
4.955	-0.119	4.997	-0.195	5.015	-0.215	5.021	-0.236	8.192	0.106	8.208	0.055	8.224	-0.045	8.238	-0.145
5.044	-0.129	5.064	0.058	5.080	0.113	5.099	0.044	8.265	-0.205	8.265	-0.153	8.275	-0.010	8.285	-0.177
5.110	0.000	5.119	-0.060	5.126	-0.128	5.147	-0.184	8.314	0.176	8.324	0.092	8.339	-0.064	8.357	-0.176
5.169	-0.021	5.175	0.031	5.199	0.015	5.212	-0.045	8.380	-0.105	8.402	0.062	8.424	0.154	8.439	0.142
5.229	0.027	5.243	0.118	5.248	0.158	5.259	0.178	8.458	0.027	8.476	-0.021	8.504	-0.073	8.512	-0.101
5.277	0.186	5.291	0.090	5.300	0.022	5.310	-0.070	8.524	-0.077	8.536	-0.021	8.547	-0.001	8.555	-0.013
5.320	-0.118	5.338	-0.102	5.351	-0.010	5.375	-0.006	8.575	-0.013	8.590	-0.041	8.617	0.019	8.639	0.059
5.381	-0.026	5.392	-0.126	5.399	-0.026	5.416	-0.278	8.662	0.067	8.668	0.023	8.671	-0.001	8.675	0.037
5.420	-0.222	5.424	-0.162	5.440	0.025	5.445	0.196	8.690	-0.065	8.702	0.015	8.712	0.094	8.727	0.186
5.456	0.272	5.471	0.244	5.479	0.188	5.493	0.081	8.741	0.182	8.752	0.126	8.765	0.039	8.773	-0.009
5.507	-0.094	5.523	0.126	5.545	-0.006	5.561	0.022	8.780	-0.057	8.794	-0.157	8.805	-0.252	8.818	-0.236
5.578	-0.125	5.599	-0.212	5.619	-0.033	5.639	0.223	8.826	-0.212	8.827	-0.212	8.835	-0.041	8.848	0.102
5.656	0.291	5.677	0.156	5.691	0.028	5.712	-0.111	8.863	0.154	8.878	0.078	8.886	0.035	8.902	0.015
5.725	-0.222	5.736	-0.210	5.754	-0.042	5.772	0.054	8.919	0.071	8.950	0.067	8.963	0.127	8.974	0.195
5.791	0.145	5.811	0.126	5.825	0.027	5.841	-0.045	8.990	0.211	9.005	0.056	9.023	-0.103	9.034	-0.034
5.822	-0.128	5.861	-0.200	5.884	-0.235	5.902	-0.175	9.052	-0.270	9.070	-0.174	9.082	-0.054	9.095	0.042
5.907	-0.096	5.923	0.060	5.933	0.148	5.939	0.232	9.102	0.130	9.112	0.234	9.131	0.222	9.145	0.138
5.950	0.272	5.963	0.272	5.976	0.252	5.988	0.164	9.163	0.039	9.189	0.051	9.212	0.094	9.230	0.023
6.005	-0.051	6.017	-0.210	6.034	-0.293	6.050	-0.206	9.247	-0.081	9.264	-0.141	9.269	-0.145	9.279	-0.141
6.091	-0.206	6.075	0.169	6.090	0.261	6.106	0.241	9.287	-0.101	9.295	-0.021	9.313	-0.021	9.326	-0.117
6.118	0.202	6.129	0.138	6.139	0.018	6.148	-0.077	9.340	-0.125	9.358	-0.077	9.378	0.082	9.401	0.098
6.161	-0.189	6.180	-0.212	6.203	-0.141	6.231	-0.045	9.425	0.043	9.457	0.051	9.478	0.055	9.502	-0.009
6.256	-0.013	6.271	-0.013	6.287	-0.021	6.301	0.059	9.533	-0.137	9.547	-0.204	9.567	-0.165	9.585	-0.037
6.321	0.146	6.339	0.150	6.354	0.115	6.376	0.063	9.601	0.055	9.638	0.042	9.667	0.154	9.692	0.121
6.389	0.131	6.402	0.203	6.414	0.239	6.424	0.139	9.709	0.017	9.730	-0.063	9.755	-0.083	9.773	-0.064
6.425	0.139	6.440	-0.056	6.454	-0.267	6.469	-0.426	9.786	-0.073	9.793	0.069	9.812	-0.014	9.833	-0.023
6.483	-0.358	6.493	-0.310	6.507	-0.091	6.520	-0.007	9.855	0.032	9.872	0.092	9.887	0.083	9.894	0.095
6.532	0.059	6.546	0.026	6.551	0.118	6.570	0.031	9.917	0.095	9.935	0.126	9.951	0.126	9.958	0.029
6.587	0.099	6.608	0.112	6.633	0.121	6.645	0.057	9.970	0.150	9.981	0.090	9.993	0.019	10.000	0.000
6.655	-0.062	6.666	-0.145	6.682	-0.065	6.692	-0.009	10.017	-0.065	10.040	-0.049	10.051	-0.057	10.075	-0.073
6.677	0.104	6.708	0.191	6.723	0.231	6.737	0.184	10.092	-0.117	10.110	-0.117	10.128	-0.021	10.147	-0.049
6.746	0.104	6.757	-0.023	6.763	0.130	6.771	-0.158	10.166	-0.093	10.186	0.007	10.203	0.058	10.217	0.126
6.782	-0.178	6.788	-0.106	6.789	-0.114	6.804	0.002	10.233	0.100	10.242	0.044	10.255	0.027	10.272	0.003
6.812	0.133	6.815	0.181	6.828	0.185	6.839	0.149	10.252	-0.001	10.295	-0.029	10.307	-0.074	10.314	-0.106

10.324	-0.184	10.329	-0.184	10.332	-0.185	10.333	-0.212	13.576	0.042	13.587	-0.003	13.607	-0.031	13.623	-0.036
10.339	-0.216	10.339	-0.216	10.340	-0.216	10.352	-0.196	13.646	0.007	13.661	-0.039	13.672	0.059	13.690	0.008
10.369	-0.040	10.391	0.164	10.402	0.136	10.417	0.101	13.719	-0.060	13.735	-0.059	13.761	-0.102	13.775	-0.138
10.433	-0.050	10.449	0.051	10.466	0.056	10.476	0.156	13.753	-0.053	13.818	0.015	13.834	-0.019	13.852	0.056
10.484	-0.184	10.495	0.148	10.511	0.009	10.523	-0.095	13.868	0.020	13.851	0.004	13.903	-0.019	13.923	-0.095
10.536	-0.123	10.548	0.123	10.564	-0.080	10.582	0.023	13.942	-0.139	13.955	-0.148	13.972	-0.112	13.987	-0.029
10.593	-0.063	10.605	0.035	10.621	0.007	10.634	-0.033	13.958	0.027	14.015	0.066	14.031	-0.038	14.048	0.014
10.635	-0.033	10.636	-0.049	10.651	-0.064	10.661	-0.040	14.065	-0.015	14.078	-0.003	14.095	-0.007	14.115	-0.051
10.684	-0.044	10.698	0.032	10.712	0.007	10.731	0.095	14.126	-0.079	14.147	-0.115	14.174	-0.059	14.186	-0.083
10.743	0.130	10.751	0.130	10.759	0.098	10.776	-0.069	14.215	-0.086	14.234	-0.102	14.251	-0.054	14.270	-0.054
10.788	-0.209	10.797	-0.245	10.807	-0.221	10.828	-0.117	14.258	-0.041	14.315	0.005	14.336	-0.040	14.361	-0.060
10.841	-0.049	10.857	0.001	10.877	0.084	10.889	0.156	14.368	0.028	14.405	0.004	14.430	-0.032	14.447	-0.104
10.900	0.248	10.906	0.284	10.912	0.296	10.918	0.269	14.463	-0.080	14.480	-0.055	14.508	-0.013	14.521	-0.013
10.930	0.185	10.942	0.053	10.955	-0.079	10.963	-0.124	14.554	0.011	14.565	0.043	14.583	-0.019	14.594	-0.013
10.970	-0.148	10.980	-0.112	10.994	-0.026	11.006	0.068	14.628	-0.069	14.643	-0.014	14.657	0.010	14.666	0.014
11.018	0.103	11.029	0.106	11.044	0.080	11.058	0.023	14.684	-0.017	14.710	-0.041	14.746	-0.056	14.770	-0.035
11.072	-0.029	11.080	-0.042	11.093	-0.019	11.110	0.016	14.755	-0.018	14.854	-0.051	14.913	-0.024	14.923	-0.008
11.122	-0.016	11.133	-0.008	11.147	-0.056	11.159	-0.063	14.878	-0.059	14.854	-0.051	14.913	-0.024	14.923	-0.008
11.170	-0.043	11.184	0.016	11.194	0.060	11.202	0.060	14.952	0.044	14.966	0.071	14.981	0.094	14.999	0.074
11.211	0.025	11.227	-0.034	11.239	-0.037	11.248	-0.017	15.013	-0.030	15.019	-0.011	15.034	-0.011	15.047	-0.003
11.261	-0.004	11.274	-0.063	11.299	-0.098	11.317	-0.045	15.064	-0.008	15.083	0.004	15.101	-0.025	15.117	-0.049
11.333	0.068	11.343	0.128	11.355	0.109	11.373	0.018	15.135	-0.049	15.157	-0.022	15.178	0.021	15.189	0.004
11.390	-0.024	11.403	0.004	11.411	0.037	11.423	0.081	15.211	-0.009	15.225	-0.013	15.244	0.022	15.257	0.046
11.434	0.074	11.443	0.038	11.463	-0.032	11.480	-0.083	15.276	0.034	15.257	-0.006	15.313	-0.041	15.335	-0.017
11.503	-0.058	11.523	-0.030	11.543	0.034	11.565	0.089	15.369	0.000	15.369	-0.007	15.382	-0.038	15.403	0.034
11.583	0.132	11.595	0.152	11.609	0.083	11.627	-0.068	15.419	0.071	15.436	0.068	15.455	0.061	15.480	-0.003
11.645	-0.053	11.660	-0.049	11.677	0.007	11.689	0.055	15.500	-0.040	15.516	0.021	15.528	0.010	15.538	0.009
11.701	0.040	11.716	0.001	11.735	-0.023	11.749	-0.030	15.553	-0.012	15.570	-0.038	15.556	-0.037	15.613	-0.015
11.769	0.001	11.784	0.037	11.798	0.089	11.827	0.065	15.627	-0.005	15.640	-0.001	15.655	0.023	15.678	0.027
11.833	0.060	11.848	0.039	11.873	0.041	11.887	0.028	15.700	0.019	15.714	0.027	15.731	0.044	15.754	0.033
11.900	-0.033	11.914	-0.077	11.932	-0.086	11.952	-0.075	15.774	0.014	15.753	0.022	15.812	0.047	15.831	0.047
11.974	-0.027	11.992	0.025	12.006	0.034	12.019	0.002	15.854	0.026	15.876	0.024	15.907	0.053	15.932	0.081
12.037	-0.069	12.049	-0.084	12.068	-0.095	12.081	-0.059	15.955	0.066	15.968	0.043	15.951	0.052	16.022	0.045
12.091	-0.051	12.104	-0.079	12.114	-0.086	12.127	-0.106	16.048	-0.003	16.063	-0.031	16.081	0.001	16.100	-0.031
12.139	-0.034	12.150	0.049	12.158	0.085	12.166	0.077	16.120	0.008	16.146	0.001	16.181	0.004	16.204	-0.028
12.180	0.093	12.201	0.021	12.215	-0.051	12.230	-0.059	16.238	0.009	16.264	0.004	16.303	0.024	16.320	0.025
12.241	-0.087	12.265	-0.025	12.281	0.045	12.297	0.130	16.339	0.042	16.356	0.059	16.382	0.029	16.405	0.030
12.307	0.155	12.321	0.156	12.339	0.154	12.352	0.136	16.441	0.079	16.478	0.134	16.508	0.137	16.525	0.081
12.380	0.070	12.393	-0.042	12.410	-0.102	12.419	-0.100	16.555	-0.004	16.577	-0.033	16.613	-0.025	16.640	0.024
12.437	-0.042	12.451	0.037	12.466	0.113	12.482	0.056	16.648	-0.003	16.651	-0.003	16.718	-0.059	16.742	-0.131
12.500	0.080	12.519	0.079	12.534	0.079	12.549	0.042	16.754	-0.139	16.786	-0.060	16.802	0.024	16.820	0.028
12.565	-0.058	12.580	-0.139	12.594	-0.147	12.611	-0.118	16.850	-0.012	16.874	-0.052	16.856	-0.059	16.923	-0.047
12.626	-0.043	12.642	0.029	12.656	0.050	12.677	0.079	16.952	-0.002	16.974	-0.018	16.953	-0.046	17.012	-0.034
12.741	-0.012	12.759	0.004	12.770	0.035	12.782	0.059	17.045	-0.014	17.071	0.005	17.090	0.033	17.109	0.065
12.799	0.038	12.813	-0.002	12.831	-0.030	12.848	-0.039	17.126	0.069	17.145	0.065	17.169	-0.002	17.186	-0.050
12.871	-0.095	12.888	-0.163	12.901	-0.179	12.914	-0.163	17.212	-0.045	17.231	-0.072	17.246	-0.055	17.270	-0.047
12.928	-0.076	12.943	0.028	12.955	0.067	12.966	0.111	17.299	-0.048	17.321	-0.061	17.339	-0.073	17.356	-0.054
12.988	0.090	13.006	0.042	13.022	0.002	13.037	0.001	17.383	-0.075	17.398	-0.065	17.414	-0.038	17.431	0.009
13.068	-0.020	13.092	-0.048	13.111	-0.032	13.123	0.008	17.451	0.039	17.476	0.030	17.497	0.022	17.515	0.006
13.141	0.028	13.151	0.012	13.168	-0.068	13.183	-0.088	17.532	-0.037	17.549	-0.069	17.572	-0.065	17.595	-0.052
13.198	-0.044	13.221	-0.000	13.230	0.079	13.245	0.055	17.610	-0.015	17.623	0.018	17.641	0.011	17.656	-0.020
13.258	0.099	13.273	0.055	13.297	0.067	13.319	0.057	17.689	-0.035	17.691	-0.022	17.706	-0.014	17.725	-0.019
13.345	-0.100	13.370	-0.127	13.387	-0.102	13.414	-0.101	17.754	0.004	17.779	-0.046	17.799	-0.063	17.824	-0.031
13.436	-0.085	13.459	-0.036	13.471	-0.028	13.484	-0.035	17.857	0.012	17.895	0.024	17.914	-0.020	17.935	-0.048
13.509	-0.100	13.527	-0.108	13.547	-0.053	13.564	0.014	17.956	-0.064	17.981	-0.008	18.005	0.016	18.031	0.004
								18.058	-0.020	18.081	-0.000	18.102	0.024	18.123	0.008

18.146	-0.012	18.172	-0.001	18.203	0.011	18.245	-0.001	23.180	-0.014	23.195	-0.022	23.219	-0.006	23.240	0.014
18.262	0.010	18.302	0.026	18.333	0.014	18.365	-0.010	23.267	0.006	23.286	-0.022	23.301	-0.030	23.324	-0.022
18.398	0.022	18.422	0.038	18.442	0.014	18.465	-0.002	23.349	0.050	23.373	-0.058	23.394	-0.038	23.422	-0.006
18.480	0.006	18.495	0.014	18.526	-0.014	18.540	-0.031	23.451	-0.001	23.487	-0.001	23.505	-0.008	23.542	-0.020
18.560	0.012	18.584	0.052	18.609	0.039	18.626	-0.013	23.580	-0.008	23.601	0.004	23.618	0.024	23.633	0.016
18.648	-0.017	18.676	0.011	18.699	-0.013	18.724	0.003	23.656	-0.004	23.677	0.004	23.696	0.011	23.719	0.011
18.751	0.047	18.788	0.025	18.831	-0.018	18.867	-0.054	23.734	0.003	23.745	0.007	23.777	0.003	23.794	0.007
18.889	-0.077	18.916	-0.021	18.937	0.059	18.957	-0.091	23.883	-0.015	23.886	-0.006	23.911	-0.023	23.911	-0.023
18.980	0.055	19.006	0.008	19.039	-0.031	19.077	-0.054	23.943	-0.007	23.980	-0.006	24.005	-0.005	24.023	0.015
19.117	-0.005	19.157	0.012	19.195	-0.039	19.213	-0.042	24.057	0.016	24.084	0.005	24.104	0.029	24.115	0.037
19.237	0.006	19.275	0.060	19.314	0.050	19.342	0.125	24.140	0.022	24.160	0.018	24.184	0.026	24.204	0.010
19.364	0.005	19.402	0.013	19.441	-0.042	19.473	-0.125	24.233	0.023	24.263	0.011	24.291	-0.022	24.305	-0.016
19.503	-0.102	19.533	-0.036	19.563	-0.026	19.607	-0.008	24.322	0.006	24.345	0.006	24.370	0.010	24.408	-0.023
19.643	0.015	19.674	0.047	19.699	0.094	19.718	0.098	24.438	-0.043	24.467	-0.020	24.506	-0.005	24.540	-0.013
19.743	0.054	19.763	0.006	19.782	-0.014	19.808	0.021	24.566	-0.006	24.592	-0.030	24.628	-0.011	24.656	0.004
19.833	0.037	19.859	0.025	19.892	0.013	19.916	-0.030	24.680	-0.004	24.701	-0.020	24.731	-0.008	24.762	0.027
19.929	-0.045	19.945	-0.021	19.963	0.015	19.988	0.019	24.787	0.031	24.815	0.003	24.847	-0.021	24.875	-0.029
20.005	-0.008	20.048	0.011	20.075	-0.010	20.098	-0.010	24.903	-0.006	24.931	0.006	24.959	0.022	24.993	0.050
20.129	0.030	20.153	0.046	20.187	0.002	20.201	-0.033	25.045	0.045	25.092	0.025	25.131	-0.008	25.171	0.016
20.224	-0.033	20.263	-0.008	20.287	-0.007	20.312	0.017	25.205	0.019	25.233	0.017	25.264	-0.025	25.306	-0.002
20.342	0.054	20.363	0.051	20.383	0.012	20.414	0.029	25.346	-0.019	25.375	-0.016	25.408	-0.004	25.439	0.009
20.470	0.010	20.473	-0.020	20.505	-0.032	20.537	-0.032	25.470	-0.006	25.512	-0.027	25.540	-0.052	25.570	-0.021
20.570	0.037	20.593	-0.029	20.611	0.015	20.630	0.032	25.602	-0.018	25.645	0.006	25.685	-0.014	25.723	-0.018
20.630	0.032	20.635	0.010	20.652	-0.008	20.667	0.027	25.750	-0.030	25.788	-0.038	25.822	-0.047	25.846	-0.023
20.682	-0.026	20.695	-0.002	20.723	0.003	20.748	-0.024	25.878	-0.007	25.912	-0.015	25.965	-0.009	25.997	-0.026
20.763	-0.031	20.783	-0.014	20.757	0.011	20.831	0.005	26.047	-0.020	26.054	0.029	26.140	-0.038	26.183	-0.048
20.864	-0.014	20.891	-0.020	20.916	-0.056	20.938	-0.064	26.226	-0.032	26.276	-0.008	26.308	-0.015	26.341	-0.035
20.970	-0.011	20.997	0.037	21.020	0.057	21.030	0.049	26.378	-0.027	26.405	0.010	26.440	0.026	26.456	0.003
21.056	0.022	21.082	-0.006	21.103	0.006	21.135	0.018	26.541	-0.000	26.566	0.020	26.589	0.015	26.628	0.007
21.146	0.030	21.163	0.062	21.187	0.042	21.200	0.042	26.657	-0.017	26.682	-0.042	26.712	-0.010	26.753	-0.007
21.218	0.022	21.225	-0.002	21.243	-0.002	21.263	0.010	26.782	-0.027	26.808	-0.019	26.844	-0.023	26.871	-0.038
21.277	0.014	21.297	0.018	21.317	0.026	21.342	0.006	26.899	-0.018	26.914	0.002	26.937	-0.018	26.961	-0.026
21.360	-0.026	21.369	-0.053	21.379	-0.041	21.395	-0.006	26.952	-0.002	27.024	-0.030	27.047	-0.038	27.048	-0.038
21.409	0.022	21.415	0.022	21.429	0.007	21.449	-0.001	27.077	-0.006	27.108	-0.010	27.130	-0.038	27.145	-0.055
21.461	-0.001	21.476	0.003	21.491	0.003	21.500	-0.005	27.161	-0.027	27.175	-0.019	27.206	-0.027	27.232	-0.023
21.512	-0.029	21.523	-0.065	21.534	-0.065	21.557	-0.045	27.262	0.005	27.282	0.025	27.302	-0.013	27.348	0.010
21.572	-0.013	21.582	0.007	21.597	-0.005	21.613	-0.025	27.350	-0.002	27.412	-0.018	27.435	-0.001	27.487	0.027
21.625	-0.029	21.648	-0.017	21.665	0.007	21.681	0.028	27.518	0.040	27.545	0.044	27.581	0.048	27.605	0.020
21.693	0.032	21.718	0.012	21.738	-0.007	21.758	-0.003	27.628	0.028	27.654	0.028	27.674	0.013	27.703	0.013
21.778	0.009	21.805	0.013	21.825	0.053	21.846	0.074	27.738	0.013	27.775	-0.003	27.822	0.022	27.859	0.002
21.868	0.062	21.897	-0.005	21.914	-0.021	21.944	-0.029	27.877	-0.014	27.914	0.003	27.954	-0.012	27.974	-0.024
21.967	-0.033	21.980	-0.017	22.001	0.015	22.021	0.035	28.010	-0.015	28.043	-0.027	28.065	-0.015	28.085	0.010
22.037	0.039	22.048	0.067	22.069	0.083	22.089	0.051	28.112	0.018	28.131	0.002	28.148	0.010	28.172	0.006
22.105	0.035	22.137	-0.003	22.161	-0.041	22.183	-0.025	28.209	-0.010	28.227	-0.014	28.262	0.021	28.251	0.021
22.214	-0.014	22.233	-0.006	22.251	0.013	22.272	0.041	28.335	-0.003	28.359	0.001	28.396	0.001	28.412	0.013
22.255	0.040	22.309	-0.008	22.326	-0.028	22.347	-0.025	28.437	0.017	28.469	0.001	28.496	0.017	28.535	0.009
22.367	-0.006	22.393	-0.007	22.412	0.009	22.429	0.036	28.557	-0.003	28.577	0.005	28.609	0.013	28.629	0.025
22.446	0.035	22.471	0.007	22.495	-0.030	22.527	-0.055	28.654	0.026	28.680	0.046	28.700	0.038	28.731	0.014
22.540	-0.035	22.564	-0.019	22.584	-0.012	22.599	-0.004	28.754	-0.005	28.780	0.015	28.825	0.027	28.880	0.028
22.619	-0.015	22.636	-0.012	22.649	-0.008	22.662	0.008	28.922	-0.004	28.951	-0.016	28.985	-0.031	29.013	-0.019
22.683	-0.016	22.703	-0.032	22.726	-0.024	22.752	-0.004	29.044	0.005	29.069	-0.007	29.090	0.013	29.122	0.025
22.767	0.008	22.791	0.004	22.810	-0.004	22.836	-0.028	29.141	0.025	29.174	-0.007	29.195	-0.018	29.225	0.018
22.852	-0.048	22.870	-0.089	22.885	-0.069	22.909	-0.049	29.248	0.034	29.279	0.018	29.307	-0.010	29.348	-0.006
22.933	0.002	22.942	0.014	22.962	0.002	22.998	0.002	29.368	-0.034	29.426	0.018	29.446	-0.010	29.446	-0.010
23.019	-0.006	23.031	-0.026	23.048	-0.038	23.072	-0.018	29.474	-0.054	29.503	-0.058	29.531	-0.026	29.554	-0.007
23.091	0.010	23.113	0.002	23.133	-0.002	23.163	0.002	29.650	-0.007	29.676	-0.023	29.697	-0.023	29.727	-0.007

29.755	-0.027	29.775	-0.047	29.807	-0.023	29.845	-0.011	34.515	0.015	34.536	0.031	34.551	0.011	34.567	-0.025
29.879	-0.023	29.895	-0.019	29.925	-0.039	29.953	-0.047	34.581	-0.037	34.557	-0.025	34.613	0.003	34.634	0.011
29.979	-0.027	30.001	-0.027	30.030	-0.027	30.062	0.001	34.661	0.023	34.662	0.027	34.706	0.036	34.727	0.024
30.099	-0.007	30.137	-0.034	30.164	-0.030	30.193	-0.034	34.749	-0.008	34.771	-0.028	34.786	-0.012	34.804	-0.004
30.241	-0.001	30.272	0.027	30.306	-0.004	30.341	-0.028	34.824	0.008	34.842	-0.008	34.866	0.019	34.884	-0.052
30.369	-0.016	30.417	-0.019	30.449	0.005	30.490	-0.003	34.900	-0.033	34.922	-0.009	34.939	0.019	34.958	0.022
30.537	-0.015	30.564	-0.035	30.588	0.001	30.603	0.029	34.983	0.022	35.006	0.014	35.034	-0.022	35.055	-0.034
30.625	-0.021	30.646	-0.005	30.683	0.002	30.704	-0.014	35.071	-0.022	35.086	-0.002	35.103	0.002	35.126	-0.017
30.722	-0.022	30.745	0.015	30.767	0.019	30.786	0.002	35.155	-0.009	35.181	-0.013	35.218	-0.000	35.248	-0.008
30.818	-0.002	30.860	0.017	30.895	-0.003	30.932	-0.020	35.281	-0.003	35.307	0.001	35.337	0.020	35.360	0.024
30.947	-0.005	30.978	-0.011	30.990	-0.011	31.018	-0.009	35.390	0.004	35.424	-0.008	35.452	0.003	35.484	0.007
31.043	-0.018	31.064	-0.023	31.078	-0.015	31.096	-0.008	35.512	0.019	35.531	0.011	35.554	-0.009	35.576	0.021
31.110	0.008	31.132	0.016	31.151	0.008	31.169	-0.004	35.601	-0.013	35.620	0.011	35.648	-0.005	35.677	-0.005
31.191	-0.008	31.210	-0.027	31.229	-0.035	31.245	-0.027	35.707	-0.013	35.734	-0.009	35.760	-0.013	35.788	-0.001
31.262	0.006	31.279	0.026	31.291	0.038	31.308	0.027	35.817	-0.009	35.848	-0.013	35.874	-0.013	35.904	-0.005
31.328	0.018	31.346	-0.018	31.365	-0.006	31.387	-0.002	35.936	-0.013	35.965	-0.001	35.999	0.007	36.020	0.003
31.407	-0.007	31.430	-0.003	31.448	-0.003	31.468	0.004	36.048	-0.013	36.076	-0.009	36.105	-0.001	36.125	0.003
31.488	0.012	31.506	0.011	31.525	0.007	31.549	0.019	36.149	-0.009	36.172	-0.005	36.194	-0.001	36.215	-0.014
31.568	0.026	31.585	0.026	31.604	0.005	31.620	-0.007	36.244	-0.022	36.267	-0.022	36.287	-0.018	36.309	0.002
31.641	-0.019	31.658	-0.028	31.668	-0.012	31.683	0.008	36.335	0.014	36.358	0.025	36.391	0.025	36.424	0.013
31.701	0.011	31.717	0.011	31.732	-0.001	31.755	-0.014	36.453	-0.007	36.480	-0.011	36.501	0.005	36.526	0.021
31.771	-0.006	31.787	0.014	31.804	0.017	31.822	0.001	36.550	0.025	36.575	0.021	36.599	0.001	36.619	-0.011
31.840	-0.007	31.858	0.000	31.878	0.020	31.900	0.028	36.645	0.001	36.673	0.004	36.712	-0.008	36.747	-0.008
31.921	-0.009	31.949	0.015	31.967	0.023	31.992	0.015	36.780	-0.016	36.808	-0.012	36.818	-0.001	36.835	-0.017
32.011	-0.009	32.028	-0.017	32.053	0.007	32.075	-0.002	36.867	-0.045	36.889	-0.017	36.917	-0.022	36.941	-0.014
32.094	-0.006	32.111	0.010	32.134	0.026	32.155	0.045	36.962	0.017	36.975	0.025	37.000	0.021	37.028	0.009
32.179	0.029	32.196	0.017	32.219	0.020	32.234	0.008	37.055	0.008	37.075	0.024	37.105	0.011	37.140	0.019
32.246	0.012	32.268	0.020	32.287	0.015	32.306	0.015	37.173	0.022	37.195	0.026	37.224	0.045	37.249	0.033
32.324	0.015	32.343	0.007	32.364	-0.001	32.386	0.011	37.275	0.020	37.301	0.024	37.324	0.039	37.347	0.038
32.403	0.014	32.417	0.026	32.434	0.010	32.452	0.002	37.376	0.022	37.400	0.009	37.428	0.017	37.455	0.028
32.474	0.018	32.497	0.021	32.518	0.033	32.537	0.016	37.486	0.032	37.511	0.032	37.543	0.019	37.568	0.027
32.557	-0.000	32.575	-0.001	32.594	0.007	32.614	0.014	37.589	0.027	37.614	0.019	37.640	0.003	37.665	-0.001
32.632	0.030	32.650	0.037	32.670	0.037	32.685	0.025	37.696	0.007	37.726	0.004	37.756	-0.000	37.785	-0.001
32.702	-0.012	32.717	-0.020	32.742	-0.012	32.765	-0.012	37.816	-0.004	37.845	-0.008	37.881	-0.015	37.913	-0.011
32.765	-0.005	32.802	-0.027	32.814	-0.047	32.828	0.059	37.944	-0.012	37.977	0.004	38.006	0.020	38.036	0.007
32.841	0.043	32.857	0.011	32.871	-0.009	32.885	-0.017	38.066	0.003	38.092	0.015	38.123	0.006	38.145	-0.006
32.899	-0.001	32.917	0.010	32.933	0.010	32.958	0.010	38.175	-0.003	38.204	-0.023	38.236	0.012	38.261	0.008
32.982	0.010	33.002	0.018	33.023	0.002	33.046	-0.006	38.281	0.003	38.304	0.023	38.330	0.023	38.356	0.003
33.072	-0.002	33.099	-0.007	33.126	-0.003	33.151	0.001	38.380	-0.005	38.402	-0.001	38.427	0.015	38.452	-0.002
33.177	0.001	33.200	0.005	33.223	0.005	33.252	0.002	38.476	-0.002	38.501	0.010	38.527	0.014	38.550	0.002
33.275	0.002	33.295	0.006	33.312	0.002	33.328	-0.005	38.575	-0.006	38.603	0.005	38.623	0.001	38.648	-0.003
33.340	0.007	33.358	0.031	33.376	0.035	33.387	0.023	38.669	-0.007	38.694	0.005	38.722	0.009	38.751	0.005
33.406	-0.001	33.422	-0.013	33.437	-0.009	33.456	-0.005	38.777	-0.003	38.800	-0.007	38.824	-0.007	38.848	-0.004
33.475	0.004	33.496	-0.000	33.518	-0.000	33.536	0.020	38.877	0.009	38.907	0.012	38.935	0.000	38.961	-0.004
33.557	0.007	33.573	-0.017	33.594	-0.041	33.613	-0.045	38.992	-0.020	39.015	-0.028	39.034	-0.004	39.055	0.003
33.629	-0.037	33.650	-0.013	33.669	-0.013	33.690	-0.009	39.075	-0.009	39.098	-0.017	39.122	-0.005	39.143	0.007
33.711	0.011	33.731	0.003	33.755	-0.020	33.774	-0.028	39.164	-0.001	39.191	-0.021	39.216	-0.038	39.243	-0.026
33.792	-0.012	33.804	-0.000	33.820	0.008	33.839	-0.012	39.270	-0.022	39.297	-0.018	39.321	-0.007	39.349	-0.011
33.859	-0.000	33.875	0.012	33.895	0.028	33.909	0.012	39.374	-0.028	39.401	-0.013	39.424	-0.009	39.448	-0.013
33.927	-0.020	33.942	-0.032	33.958	-0.008	33.979	0.015	39.476	-0.014	39.503	0.002	39.530	0.001	39.558	0.005
33.994	0.027	34.011	0.019	34.038	-0.017	34.050	-0.033	39.583	0.004	39.615	0.005	39.642	0.001	39.674	0.002
34.062	-0.025	34.075	0.003	34.098	0.011	34.119	0.006	39.707	0.006	39.736	0.021	39.759	0.003	39.785	0.029
34.144	0.010	34.165	0.026	34.183	0.018	34.210	-0.010	39.809	0.016	39.835	0.000	39.863	0.004	39.888	0.007
34.240	-0.007	34.265	-0.007	34.288	-0.008	34.311	0.028	39.913	0.014	39.942	0.013	39.966	0.017	39.994	0.012
34.337	0.032	34.368	0.015	34.394	-0.001	34.412	-0.025	40.020	0.004	40.051	0.004	40.084	0.008	40.115	0.005
34.430	-0.041	34.446	-0.021	34.467	0.007	34.491	0.015	40.140	0.025	40.158	0.021	40.181	0.005	40.200	0.002

40.223	-0.002	40.247	-0.002	40.266	0.007	40.291	0.011
40.316	0.019	40.339	0.023	40.357	0.015	40.382	-0.001
40.402	-0.005	40.421	0.019	40.439	0.023	40.467	0.015
40.491	0.011	40.516	0.015	40.539	0.015	40.563	0.007
40.590	0.023	40.629	0.015	40.647	0.007	40.672	0.007
40.655	0.007	40.725	0.004	40.751	-0.000	40.774	0.004
40.799	0.012	40.828	0.008	40.856	0.009	40.883	-0.007
40.913	-0.015	40.938	-0.018	40.957	0.006	40.981	0.022
41.013	0.018	41.036	0.010	41.062	0.010	41.087	-0.006
41.112	-0.018	41.136	-0.010	41.165	0.002	41.194	0.002
41.221	0.009	41.242	0.009	41.273	-0.019	41.305	-0.016
41.335	-0.004	41.354	-0.001	41.374	-0.009	41.389	-0.005
41.401	-0.012	41.411	-0.003	41.425	-0.000	41.437	-0.001
41.448	-0.009	41.461	-0.005	41.474	-0.009	41.488	-0.009
41.502	-0.005	41.519	0.003	41.533	0.003	41.545	0.003
41.562	0.007	41.577	0.011	41.592	0.011	41.607	0.015
41.619	0.015	41.634	0.011	41.649	0.003	41.664	0.003
41.679	0.011	41.693	0.019	41.702	0.019	41.715	0.011
41.729	0.007	41.751	0.007	41.766	0.011	41.784	0.011
41.800	0.011	41.817	0.007	41.836	0.007	41.848	0.007
41.863	0.011	41.878	0.011	41.894	0.011	41.906	0.003
41.923	-0.005	41.941	-0.009	41.960	-0.000	41.977	-0.004
41.957	-0.004	42.016	0.000	42.034	0.001	42.050	0.005
42.064	0.005	42.081	0.004	42.100	-0.004	42.117	-0.008
42.135	-0.009	42.152	-0.005	42.170	0.002	42.185	0.014
42.202	0.021	42.220	0.025	42.233	0.032	42.250	0.020
42.270	0.015	42.288	0.019	42.310	0.011	42.328	0.003
42.345	-0.001	42.361	-0.001	42.378	0.011	42.395	0.023
42.412	0.028	42.425	0.024	42.447	0.016	42.464	0.005
42.477	0.005	42.487	0.009	42.503	0.002	42.522	0.001
42.537	-0.007	42.551	0.001	42.567	0.005	42.579	0.009
42.592	0.001	42.605	-0.004	42.627	-0.001	42.647	0.002
42.662	-0.007	42.676	-0.015	42.689	-0.015	42.705	-0.012
42.719	-0.008	42.732	-0.005	42.747	-0.009	42.762	-0.013
42.773	-0.009	42.790	-0.005	42.804	-0.001	42.821	0.007
42.836	-0.005	42.857	-0.001	42.886	-0.001	42.913	-0.001
42.933	0.003	42.953	0.003	42.972	0.011	42.987	0.027
43.001	0.019	43.018	0.015	43.036	0.011	43.053	0.019
43.067	0.023	43.082	0.035	43.093	0.043	43.111	0.035
43.131	0.027	43.154	0.019	43.173	0.015	43.191	0.007
43.206	0.003	43.220	0.007	43.234	0.019	43.253	0.024
43.279	0.020	43.301	0.025	43.328	0.021	43.350	0.014
43.365	0.006	43.388	0.006	43.406	0.023	43.423	0.026
43.443	0.018	43.461	0.022	43.477	0.026	43.495	0.021
43.507	0.025	43.522	0.017	43.533	0.009	43.549	0.004
43.557	0.064						

IN186

71-067 2/9/71 0600PST WHITTER NARROWS CAM

31E

3000 POINTS 58.685 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1184 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.118	0.009	-0.082	0.036	0.066	3.4402	0.332	3.434	0.032	3.449	-0.188	3.474	-0.356		
0.060	0.075	0.078	0.151	0.098	0.192	3.4490	-0.588	3.509	-0.724	3.535	-0.280	3.551	0.160		
0.115	0.148	0.110	0.185	0.115	0.175	3.5753	0.495	3.594	0.503	3.615	0.503	3.643	0.160		
0.192	-0.182	0.217	-0.346	0.241	-0.181	3.658	-0.208	3.673	-0.472	3.688	-0.584	3.714	-0.200		
0.282	0.068	0.299	0.128	0.332	0.141	3.7533	0.364	3.745	0.768	3.756	0.789	3.789	0.608		
0.350	0.197	0.368	0.278	0.380	0.250	3.808	0.268	3.834	0.368	3.856	-0.715	3.872	-0.799		
0.414	0.163	0.437	0.055	0.484	0.564	3.902	0.403	3.920	0.165	3.932	0.237	3.954	0.161		
0.567	-0.028	0.525	-0.136	0.567	-0.028	3.973	0.161	3.992	0.023	4.013	-0.238	4.039	0.310		
0.585	0.092	0.600	0.116	0.630	0.068	4.060	-0.318	4.078	-0.174	4.090	-0.050	4.110	-0.146		
0.650	-0.288	0.679	-0.472	0.721	-0.332	4.122	-0.178	4.151	-0.081	4.176	-0.021	4.192	0.019		
0.748	-0.080	0.766	0.100	0.812	0.104	4.212	-0.681	4.232	-0.172	4.256	-0.024	4.276	0.216		
0.846	0.128	0.864	0.064	0.916	-0.120	4.300	0.340	4.321	0.149	4.343	-0.163	4.358	-0.231		
0.937	-0.140	0.973	0.004	1.015	0.240	4.350	0.001	4.402	0.190	4.414	0.278	4.445	0.078		
1.032	0.264	1.049	0.224	1.091	0.004	4.468	-0.009	4.491	0.687	4.515	0.359	4.532	0.559		
1.114	0.060	1.140	0.244	1.177	0.117	4.546	0.608	4.565	0.492	4.584	0.196	4.604	-0.179		
1.198	-0.095	1.214	-0.151	1.264	0.027	4.621	-0.411	4.641	-0.555	4.665	-0.690	4.684	-0.554		
1.284	-0.187	1.299	-0.358	1.341	-0.170	4.655	-0.430	4.712	-0.342	4.735	0.214	4.745	0.590		
1.360	-0.042	1.373	-0.010	1.426	0.071	4.766	0.742	4.796	0.514	4.816	0.155	4.835	-0.189		
1.443	0.183	1.472	0.119	1.541	0.267	4.860	0.625	4.888	-0.333	4.912	-0.025	4.934	0.180		
1.563	0.055	1.576	-0.129	1.612	-0.045	4.960	0.296	4.984	0.200	5.014	0.120	5.036	0.172		
1.622	0.103	1.647	0.367	1.697	0.311	5.061	0.220	5.081	0.132	5.101	-0.160	5.123	-0.416		
1.735	-0.029	1.781	-0.427	1.797	-0.233	5.149	-0.119	5.169	0.161	5.197	0.317	5.230	0.161		
1.825	-0.117	1.863	0.023	1.904	-0.081	5.261	0.241	5.292	0.074	5.321	-0.350	5.354	-0.438		
1.935	-0.161	1.957	0.006	2.002	0.110	5.382	-0.318	5.405	-0.037	5.417	0.147	5.452	0.315		
2.037	0.174	2.055	0.102	2.082	-0.378	5.568	-0.491	5.505	-0.339	5.527	0.335	5.552	0.627		
2.106	-0.607	2.131	-0.387	2.192	0.336	5.568	-0.121	5.555	-0.093	5.628	-0.156	5.647	-0.156		
2.208	0.192	2.229	-0.084	2.283	-0.076	5.665	-0.172	5.659	0.064	5.724	0.256	5.735	0.216		
2.302	0.136	2.329	0.268	2.373	0.236	5.782	0.158	5.805	0.324	5.828	0.436	5.850	0.296		
2.390	-0.084	2.403	-0.340	2.451	-0.273	5.865	0.084	5.882	0.008	5.922	0.216	5.947	0.236		
2.468	0.045	2.485	0.019	2.512	0.058	5.979	0.328	6.000	0.312	6.028	0.456	6.049	0.523		
2.560	-0.066	2.575	-0.150	2.632	0.129	6.073	0.320	6.092	0.036	6.112	-0.204	6.136	-0.408		
2.651	0.201	2.685	0.316	2.716	0.020	6.159	-0.520	6.176	-0.352	6.196	-0.257	6.219	-0.245		
2.730	-0.237	2.745	-0.269	2.781	0.142	6.254	0.043	6.272	0.151	6.291	0.259	6.332	0.159		
2.800	0.310	2.828	0.141	2.864	-0.112	6.254	0.043	6.272	0.151	6.291	0.259	6.332	0.159		
2.877	-0.216	2.903	-0.017	2.959	0.006	6.358	0.175	6.378	0.235	6.393	0.347	6.407	0.394		
2.966	0.014	3.001	0.110	3.023	0.497	6.437	-0.174	6.460	-0.568	6.489	-0.306	6.511	-0.142		
3.070	0.633	3.058	0.404	3.126	0.304	6.537	-0.231	6.557	0.241	6.576	0.157	6.591	-0.087		
3.165	-0.024	3.180	-0.304	3.147	0.212	6.667	-0.231	6.636	-0.123	6.672	-0.023	6.692	-0.024		
3.237	-0.040	3.252	-0.564	3.208	-0.824	6.741	0.036	6.711	-0.016	6.778	-0.080	6.806	-0.108		
3.258	-0.032	3.326	-0.096	3.286	-0.140	6.836	-0.384	6.865	-0.524	6.876	-0.492	6.915	-0.200		
				3.376	0.268	6.930	-0.120	6.963	-0.212	6.987	-0.280	7.026	-0.056		

7.041	6.184	7.070	0.156	7.113	0.232	7.134	0.188	11.642	-0.020	11.652	0.035	11.659	C.027	11.671	-0.014
7.166	-0.056	7.195	-0.152	7.224	-0.056	7.250	0.016	11.690	-0.034	11.708	-0.051	11.721	-0.095	11.739	-0.140
7.268	0.032	7.301	-0.116	7.319	-0.220	7.337	-0.252	11.762	-0.156	11.775	-0.152	11.793	C.257	11.812	-0.265
7.362	-0.300	7.398	-0.088	7.421	0.092	7.438	0.140	11.831	-0.269	11.850	-0.262	11.863	-0.274	11.879	-0.282
7.463	0.052	7.482	-0.052	7.456	0.092	7.512	-0.076	11.892	-0.286	11.908	-0.242	11.918	-0.195	11.941	-0.151
7.542	0.132	7.558	0.196	7.584	0.180	7.606	0.128	11.947	-0.127	11.963	-0.103	11.980	-0.083	11.991	-0.039
7.628	-0.112	7.655	-0.356	7.693	-0.424	7.716	-0.460	11.999	-0.007	12.012	0.041	12.029	C.073	12.046	C.105
7.739	-0.448	7.767	-0.132	7.782	0.040	7.799	0.132	12.064	C.189	12.082	0.264	12.101	0.316	12.117	C.356
7.831	0.184	7.872	0.268	7.894	0.284	7.929	0.104	12.133	0.388	12.146	0.332	12.162	0.256	12.179	C.120
7.949	-0.136	7.964	-0.364	7.985	-0.528	8.023	-0.256	12.190	0.044	12.205	-0.036	12.222	-0.112	12.246	-0.124
8.051	-0.060	8.080	0.036	8.115	-0.056	8.147	-0.143	12.248	-0.084	12.266	-0.040	12.283	-0.012	12.295	-0.012
8.179	-0.215	8.205	-0.127	8.226	-0.070	8.259	-0.174	12.310	C.045	12.326	0.113	12.346	C.201	12.364	0.166
8.279	-0.173	8.320	-0.257	8.356	-0.048	8.381	0.044	12.377	0.146	12.393	0.150	12.408	0.183	12.423	0.243
8.400	0.100	8.439	-0.055	8.464	-0.167	8.482	-0.246	12.445	C.259	12.451	C.232	12.466	C.192	12.484	C.148
8.516	-0.078	8.544	0.071	8.566	0.119	8.600	0.012	12.501	-0.117	12.519	0.081	12.536	C.053	12.548	-0.010
8.636	-0.115	8.656	-0.043	8.679	0.130	8.691	0.166	12.563	-0.039	12.581	-0.099	12.601	-0.136	12.623	-0.153
8.717	-0.082	8.747	-0.073	8.790	0.016	8.816	-0.060	12.632	-0.153	12.641	-0.113	12.653	-0.046	12.668	-0.002
8.847	-0.055	8.890	0.093	8.911	0.238	8.922	C.270	12.685	0.021	12.700	0.045	12.715	0.100	12.733	C.120
8.953	0.182	8.983	-0.133	9.006	-0.249	9.030	-0.308	12.749	C.139	12.767	C.130	12.779	C.082	12.793	C.029
9.077	-0.155	9.106	-0.047	9.141	0.078	9.167	0.114	12.817	-0.008	12.824	-0.068	12.844	-0.001	12.862	0.006
9.155	-0.074	9.213	-0.210	9.234	-0.242	9.260	-0.058	12.880	0.022	12.897	-0.063	12.916	-0.023	12.930	-0.059
9.266	0.134	9.302	0.238	9.335	0.286	9.348	0.306	12.947	-0.148	12.963	-0.244	12.980	-0.284	12.995	-0.292
9.388	0.062	9.410	-0.098	9.450	0.073	9.482	0.025	13.013	-0.253	13.032	-0.185	13.047	-0.109	13.058	-0.026
9.503	-0.011	9.551	0.108	9.579	0.080	9.614	0.132	13.068	0.018	13.085	0.018	13.101	-0.122	13.118	-0.142
9.645	0.116	9.679	0.096	9.711	-0.056	9.730	-0.116	13.133	-0.106	13.145	-0.027	13.165	C.189	13.181	C.185
9.769	0.008	9.795	0.188	9.812	0.232	9.851	0.212	13.193	0.245	13.206	0.301	13.222	C.257	13.240	0.181
9.871	0.244	9.892	0.300	9.918	0.128	9.937	-0.020	13.260	C.089	13.278	C.009	13.301	-0.047	13.312	-0.015
9.965	-0.068	9.990	-0.016	10.013	0.124	10.031	0.168	13.330	C.049	13.348	0.081	13.368	C.125	13.382	0.097
10.082	0.124	10.085	0.179	10.118	-0.303	10.151	C.095	13.405	0.077	13.420	0.025	13.452	-0.003	13.462	C.009
10.177	-0.169	10.196	-0.214	10.211	-0.134	10.233	0.045	13.483	C.061	13.501	0.025	13.523	C.097	13.543	C.093
10.250	0.117	10.273	0.144	10.283	0.136	10.289	0.127	13.565	C.077	13.583	C.021	13.604	-0.030	13.618	-0.050
10.297	0.127	10.312	0.107	10.332	0.098	10.357	0.078	13.634	0.002	13.651	0.066	13.666	C.034	13.679	0.166
10.368	-0.029	10.386	0.009	10.401	-0.019	10.412	-0.032	13.656	C.150	13.714	C.146	13.736	C.054	13.752	0.022
10.429	-0.028	10.445	-0.012	10.457	0.036	10.470	0.092	13.768	-0.038	13.785	-0.114	13.811	-0.154	13.823	-0.126
10.476	0.160	10.487	0.224	10.506	0.265	10.517	0.237	13.840	-0.086	13.867	-0.038	13.880	0.006	13.888	0.022
10.531	0.221	10.545	0.177	10.550	0.121	10.561	0.026	13.907	0.034	13.913	0.002	13.934	-0.022	13.957	-0.018
10.573	-0.082	10.584	-0.174	10.599	-0.226	10.613	-0.225	13.976	-0.018	13.991	-0.006	14.011	0.023	14.028	-0.001
10.628	-0.181	10.641	-0.112	10.655	-0.064	10.668	-0.007	14.050	-0.029	14.070	-0.009	14.086	0.004	14.109	-0.052
10.686	C.041	10.700	0.038	10.710	0.010	10.728	-0.061	14.122	-0.076	14.142	-0.067	14.166	-0.095	14.185	-0.103
10.741	-0.061	10.758	-0.080	10.778	-0.099	10.790	-0.031	14.205	-0.114	14.226	-0.106	14.239	-0.066	14.254	-0.021
10.803	0.050	10.814	0.142	10.822	0.198	10.833	0.242	14.269	C.015	14.286	C.032	14.309	0.044	14.327	0.072
10.848	0.291	10.859	0.287	10.875	0.239	10.889	0.187	14.345	0.033	14.372	0.038	14.386	C.018	14.406	0.038
10.900	0.120	10.915	0.012	10.924	-0.100	10.936	-0.156	14.433	0.043	14.443	-0.025	14.463	-0.077	14.474	-0.069
10.948	-0.223	10.956	-0.223	10.969	-0.187	10.979	-0.131	14.492	-0.008	14.506	0.052	14.516	C.068	14.526	C.080
10.993	-0.038	11.011	0.029	11.014	0.053	11.025	0.001	14.538	0.068	14.553	0.036	14.568	0.005	14.581	-0.007
11.038	-0.083	11.049	-0.191	11.059	-0.255	11.072	-0.327	14.556	-0.003	14.605	0.005	14.622	-0.011	14.640	-0.050
11.067	-0.391	11.094	-0.399	11.103	-0.359	11.114	-0.292	14.655	-0.055	14.670	-0.131	14.685	-0.151	14.695	-0.143
11.126	-0.208	11.143	-0.164	11.156	-0.088	11.167	0.004	14.714	-0.132	14.726	-0.128	14.740	-0.140	14.758	-0.168
11.176	0.108	11.187	0.164	11.202	0.224	11.218	0.216	14.770	-0.201	14.779	-0.229	14.787	-0.237	14.797	-0.233
11.233	0.204	11.244	0.160	11.254	0.104	11.267	0.032	14.810	-0.213	14.825	-0.170	14.841	-0.122	14.860	-0.074
11.281	0.008	11.293	0.040	11.313	0.076	11.328	0.028	14.876	-0.047	14.896	-0.019	14.912	-0.024	14.927	-0.036
11.340	-0.028	11.354	-0.100	11.369	-0.156	11.389	-0.184	14.945	-0.004	14.962	-0.054	14.983	-0.038	15.001	-0.011
11.403	-0.172	11.419	-0.136	11.434	-0.104	11.451	-0.088	15.015	-0.001	15.030	-0.008	15.047	-0.033	15.062	-0.045
11.467	-0.101	11.482	-0.069	11.500	-0.073	11.519	-0.053	15.063	-0.046	15.102	-0.051	15.119	-0.055	15.135	-0.091
11.535	-0.153	11.552	-0.245	11.564	-0.298	11.575	-0.310	15.151	-0.120	15.165	-0.128	15.177	-0.124	15.197	-0.100
11.588	-0.282	11.599	-0.239	11.611	-0.175	11.626	-0.092	15.217	-0.057	15.232	-0.041	15.245	-0.033	15.259	-0.037



15.276	-0.042	15.291	-0.038	15.311	-0.002	15.330	0.050	18.955	-0.004	19.002	-0.020	19.019	-0.047	19.034	-0.087
15.347	0.087	15.360	0.107	15.372	0.115	15.385	0.100	19.048	-0.119	19.059	-0.135	19.074	-0.130	19.094	-0.110
15.356	0.060	15.409	0.021	15.427	0.013	15.442	0.014	19.113	-0.086	19.134	-0.057	19.153	-0.053	19.174	-0.053
15.459	0.006	15.474	0.015	15.490	0.059	15.501	0.071	19.154	-0.045	19.172	-0.020	19.189	-0.024	19.208	-0.044
15.511	0.056	15.528	0.012	15.540	-0.019	15.552	-0.043	19.262	0.036	19.279	0.005	19.292	0.003	19.307	0.005
15.566	-0.046	15.581	-0.033	15.603	-0.048	15.621	-0.063	19.320	0.029	19.337	0.001	19.354	0.029	19.371	0.009
15.638	-0.074	15.657	-0.069	15.679	-0.072	15.693	-0.087	19.393	-0.010	19.417	-0.026	19.436	-0.050	19.456	-0.066
15.766	-0.102	15.722	-0.086	15.737	0.029	15.752	0.036	19.475	-0.098	19.488	-0.103	19.503	-0.125	19.517	-0.117
15.768	0.097	15.778	0.133	15.793	0.149	15.803	0.142	19.542	-0.057	19.563	-0.065	19.579	-0.085	19.598	-0.100
15.818	0.058	15.832	0.035	15.847	-0.041	15.858	-0.077	19.618	-0.116	19.641	-0.108	19.660	-0.108	19.675	-0.108
15.870	-0.092	15.882	-0.080	15.898	-0.031	15.912	0.041	19.656	-0.076	19.731	0.031	19.737	0.005	19.755	0.025
15.927	0.106	15.940	0.146	15.956	0.162	15.971	0.159	19.771	0.037	19.784	0.025	19.802	-0.002	19.822	-0.030
15.985	0.139	16.000	0.092	16.014	0.040	16.027	-0.012	19.837	-0.042	19.851	-0.054	19.864	-0.042	19.884	-0.006
16.036	-0.040	16.046	-0.048	16.060	-0.036	16.076	-0.012	19.858	0.039	19.917	0.051	19.935	0.051	19.957	0.063
16.093	0.020	16.110	0.040	16.124	0.052	16.139	0.036	19.971	0.047	19.988	0.027	20.003	0.011	20.021	0.023
16.154	-0.004	16.162	-0.040	16.175	-0.060	16.189	-0.056	20.043	0.040	20.064	0.036	20.086	0.036	20.105	0.032
16.205	-0.045	16.221	-0.045	16.235	-0.053	16.257	-0.014	20.125	0.024	20.216	0.020	20.162	0.048	20.176	0.036
16.272	-0.049	16.287	-0.053	16.302	-0.042	16.317	-0.041	20.156	0.024	20.216	0.020	20.233	0.016	20.250	0.008
16.337	0.026	16.347	0.038	16.355	0.030	16.367	0.002	20.267	0.008	20.285	0.028	20.308	0.060	20.331	0.092
16.382	-0.031	16.396	-0.047	16.411	-0.039	16.430	0.001	20.351	0.096	20.368	0.056	20.385	0.068	20.405	0.016
16.445	0.057	16.458	0.117	16.472	0.169	16.490	0.213	20.428	-0.028	20.447	-0.052	20.458	-0.060	20.480	-0.040
16.503	0.229	16.514	0.237	16.526	0.221	16.539	0.177	20.497	-0.052	20.515	-0.060	20.535	-0.045	20.553	-0.037
16.551	0.105	16.563	0.025	16.577	-0.039	16.589	-0.111	20.574	-0.037	20.594	-0.054	20.616	-0.070	20.636	-0.083
16.601	-0.147	16.613	-0.166	16.632	-0.162	16.651	-0.159	20.654	-0.071	20.669	-0.058	20.684	-0.009	20.698	0.023
16.686	-0.139	16.686	-0.095	16.702	-0.031	16.718	0.033	20.709	0.046	20.719	0.042	20.727	0.062	20.738	0.070
16.736	0.089	16.749	0.101	16.761	0.097	16.773	0.077	20.752	0.074	20.761	0.074	20.776	0.078	20.791	0.087
16.785	0.024	16.805	0.049	16.821	0.036	16.841	0.004	20.804	0.087	20.818	0.084	20.834	0.119	20.847	0.135
16.857	-0.013	16.875	-0.072	16.885	-0.097	16.899	-0.113	20.859	0.151	20.867	0.163	20.875	0.172	20.883	0.184
16.918	-0.024	16.941	-0.098	16.960	-0.094	16.985	-0.086	20.891	0.188	20.903	0.172	20.913	0.152	20.922	0.120
17.011	-0.090	17.033	-0.086	17.052	-0.086	17.070	-0.066	20.933	0.072	20.950	0.048	20.947	0.024	20.956	0.008
17.090	-0.030	17.108	-0.006	17.126	0.018	17.143	0.030	20.966	-0.004	20.975	0.012	20.990	-0.024	21.003	-0.040
17.162	0.034	17.180	0.046	17.201	0.058	17.217	0.054	21.012	-0.052	21.022	-0.064	21.030	-0.084	21.044	-0.076
17.235	0.054	17.253	0.054	17.273	0.046	17.290	0.022	21.060	-0.064	21.074	-0.032	21.087	-0.000	21.100	0.016
17.308	-0.010	17.322	-0.034	17.337	-0.050	17.351	-0.038	21.113	0.028	21.127	0.032	21.139	0.032	21.153	0.016
17.366	0.006	17.380	0.034	17.395	0.047	17.411	0.039	21.171	-0.000	21.182	-0.024	21.194	-0.040	21.207	-0.048
17.429	0.019	17.450	-0.009	17.471	-0.037	17.490	-0.057	21.229	-0.008	21.244	0.024	21.255	0.048	21.267	0.072
17.506	-0.064	17.526	-0.060	17.550	-0.052	17.570	-0.028	21.279	0.100	21.293	0.104	21.311	0.096	21.328	0.084
17.590	0.008	17.611	0.049	17.627	0.093	17.646	0.117	21.343	0.072	21.356	0.048	21.367	0.028	21.380	0.016
17.665	0.113	17.683	0.057	17.706	0.093	17.729	0.089	21.394	0.004	21.416	0.008	21.432	0.024	21.448	0.028
17.784	0.085	17.781	0.085	17.801	0.101	17.820	0.106	21.463	0.040	21.477	0.048	21.495	0.064	21.516	0.052
17.844	0.106	17.859	0.114	17.878	0.154	17.891	0.174	21.533	0.036	21.545	0.068	21.562	-0.020	21.576	-0.040
17.904	0.186	17.917	0.178	17.932	0.150	17.951	0.106	21.600	-0.028	21.622	-0.012	21.638	0.003	21.651	0.007
17.958	0.066	17.984	0.054	18.009	0.058	18.028	0.046	21.669	-0.017	21.683	-0.041	21.700	-0.045	21.717	-0.049
18.053	0.030	18.070	0.014	18.090	0.019	18.112	0.027	21.734	-0.049	21.752	-0.046	21.769	-0.026	21.787	0.002
18.131	0.043	18.154	0.076	18.177	0.080	18.197	0.072	21.801	0.014	21.823	0.017	21.844	0.017	21.864	0.029
18.215	0.052	18.229	0.033	18.244	0.049	18.264	0.007	21.884	0.009	21.895	-0.006	21.916	-0.044	21.934	-0.064
18.280	0.053	18.294	0.082	18.309	0.050	18.325	-0.002	21.952	-0.076	21.968	-0.060	21.997	-0.064	22.016	-0.052
18.339	-0.070	18.355	-0.109	18.368	-0.129	18.383	-0.141	22.030	-0.040	22.052	-0.028	22.064	-0.028	22.086	-0.008
18.400	-0.137	18.420	-0.120	18.440	-0.109	18.457	-0.073	22.098	0.012	22.115	0.032	22.132	0.032	22.149	0.024
18.476	0.030	18.495	-0.033	18.513	-0.040	18.530	-0.042	22.172	0.004	22.189	-0.020	22.206	-0.028	22.224	0.028
18.548	-0.014	18.561	0.030	18.577	0.077	18.591	0.097	22.247	-0.016	22.270	0.016	22.290	0.032	22.309	0.044
18.605	0.093	18.621	0.065	18.640	0.025	18.655	-0.019	22.323	-0.056	22.340	0.036	22.354	-0.000	22.368	-0.020
18.676	-0.047	18.699	-0.059	18.724	-0.059	18.742	-0.063	22.384	-0.054	22.401	-0.056	22.422	-0.040	22.436	-0.008
18.762	-0.080	18.782	-0.112	18.804	-0.152	18.824	-0.168	22.451	0.012	22.465	0.032	22.482	0.040	22.502	0.032
18.847	-0.183	18.867	-0.199	18.884	-0.206	18.902	-0.194	22.522	0.016	22.539	0.004	22.551	-0.012	22.567	-0.020
18.921	-0.154	18.937	-0.117	18.953	-0.061	18.968	-0.021	22.587	-0.016	22.617	-0.020	22.631	-0.032	22.649	-0.040

22.679	-0.012	22.704	0.016	22.727	0.040	22.757	0.060	26.582	-0.008	27.004	0.016	27.022	0.036	27.044	0.016
22.781	0.072	22.810	0.084	22.833	0.108	22.855	0.132	27.066	-0.000	27.088	-0.012	27.115	-0.000	27.138	0.028
22.869	0.132	22.885	0.132	22.902	0.104	22.914	0.060	27.156	0.056	27.180	0.052	27.203	0.060	27.223	0.064
22.926	0.034	22.938	-0.012	22.955	-0.032	22.967	-0.036	27.249	0.032	27.266	0.008	27.287	-0.000	27.304	-0.028
22.979	-0.020	23.001	-0.012	23.019	-0.020	23.036	-0.032	27.326	-0.024	27.352	-0.020	27.368	-0.032	27.392	-0.024
23.059	-0.012	23.079	0.002	23.097	0.028	23.121	0.019	27.413	-0.016	27.435	-0.004	27.463	-0.016	27.485	-0.036
23.143	0.012	23.164	0.003	23.179	-0.013	23.195	-0.025	27.505	-0.048	27.533	-0.028	27.560	-0.016	27.589	-0.008
23.219	-0.009	23.238	0.010	23.257	0.030	23.277	0.042	27.610	0.001	27.633	0.017	27.657	0.017	27.678	0.018
23.297	0.038	23.320	0.017	23.332	-0.003	23.349	-0.019	27.700	0.034	27.720	0.054	27.745	0.035	27.764	0.007
23.375	-0.003	23.396	0.024	23.415	0.048	23.434	0.060	27.783	-0.029	27.803	-0.049	27.822	-0.073	27.835	-0.081
23.453	0.052	23.474	0.036	23.500	0.028	23.520	0.020	27.855	-0.101	27.872	-0.057	27.895	-0.068	27.911	-0.020
23.537	0.008	23.563	0.020	23.587	0.040	23.594	0.044	27.934	0.016	27.954	0.040	27.977	0.052	28.006	0.056
23.609	0.044	23.633	0.036	23.649	0.024	23.670	0.024	28.028	0.060	28.052	0.064	28.081	0.076	28.096	0.056
23.688	0.024	23.704	0.027	23.723	0.031	23.739	0.031	28.113	0.032	28.129	0.020	28.152	0.020	28.175	0.032
23.758	0.031	23.775	0.007	23.791	0.002	23.809	0.002	28.198	0.032	28.222	0.017	28.237	-0.007	28.257	-0.031
23.829	0.002	23.845	0.002	23.868	0.001	23.881	-0.023	28.281	-0.031	28.305	-0.030	28.326	-0.046	28.343	-0.082
23.900	-0.036	23.916	-0.052	23.936	-0.049	23.957	-0.045	28.358	-0.110	28.378	-0.122	28.417	-0.105	28.434	-0.049
23.977	-0.026	23.999	-0.011	24.013	0.021	24.029	0.045	28.458	-0.017	28.481	0.007	28.502	0.039	28.522	0.051
24.051	0.056	24.072	0.060	24.092	0.060	24.109	0.060	28.545	0.031	28.571	0.016	28.589	-0.000	28.609	-0.004
24.130	0.028	24.148	-0.000	24.165	-0.028	24.182	-0.052	28.625	0.016	28.639	0.008	28.658	0.040	28.682	0.032
24.198	-0.064	24.216	-0.064	24.235	-0.072	24.253	-0.084	28.704	0.020	28.722	0.008	28.746	0.028	28.765	0.040
24.276	-0.080	24.300	-0.068	24.319	-0.052	24.338	-0.024	28.785	0.068	28.803	0.080	28.821	0.080	28.843	0.056
24.364	-0.028	24.382	-0.040	24.404	-0.032	24.427	-0.016	28.861	0.036	28.884	0.036	28.906	0.052	28.922	0.088
24.444	0.008	24.460	0.024	24.480	-0.008	24.492	-0.032	28.938	0.104	28.957	0.112	28.977	0.088	28.995	0.052
24.506	-0.048	24.523	-0.060	24.547	-0.048	24.568	-0.016	29.009	0.040	29.023	0.028	29.046	0.044	29.071	0.068
24.581	-0.000	24.601	0.016	24.622	-0.017	24.634	-0.037	29.087	0.088	29.106	0.008	29.135	0.088	29.168	0.072
24.654	-0.041	24.679	-0.041	24.702	-0.041	24.721	-0.038	29.169	0.060	29.205	0.024	29.216	0.004	29.234	-0.016
24.749	-0.034	24.769	-0.034	24.790	-0.031	24.816	-0.011	29.260	-0.004	29.277	0.024	29.290	0.048	29.300	0.064
24.841	-0.031	24.861	-0.048	24.879	-0.060	24.904	-0.032	29.320	-0.000	29.336	-0.024	29.355	-0.044	29.371	-0.036
24.919	-0.024	24.939	-0.012	24.961	-0.012	24.983	-0.012	29.390	-0.072	29.414	-0.060	29.438	-0.040	29.462	-0.024
25.004	-0.012	25.027	-0.008	25.046	-0.032	25.062	-0.056	29.480	-0.008	29.495	-0.000	29.512	0.020	29.534	0.040
25.078	-0.076	25.098	-0.064	25.122	-0.100	25.143	-0.108	29.555	0.040	29.573	0.040	29.590	0.040	29.621	0.028
25.165	-0.120	25.184	-0.124	25.210	-0.116	25.231	-0.084	29.643	-0.000	29.658	-0.020	29.674	-0.036	29.695	0.004
25.246	-0.028	25.262	-0.004	25.277	0.031	25.293	0.059	29.712	0.036	29.724	0.060	29.735	0.080	29.750	0.092
25.310	0.075	25.329	0.086	25.348	0.086	25.371	0.090	29.766	0.068	29.785	0.020	29.800	-0.008	29.818	-0.032
25.390	0.089	25.411	0.089	25.433	0.088	25.452	0.092	29.839	-0.032	29.856	-0.032	29.883	-0.052	29.908	-0.036
25.480	0.051	25.507	0.074	25.535	0.061	25.541	0.061	29.929	-0.056	29.946	-0.052	29.968	-0.032	29.988	-0.024
25.551	0.041	25.559	0.016	25.570	-0.004	25.581	-0.020	30.006	-0.028	30.024	-0.008	30.045	0.012	30.062	-0.008
25.557	-0.028	25.562	-0.029	25.573	-0.009	25.584	-0.007	30.075	-0.048	30.092	-0.060	30.107	-0.080	30.128	-0.048
25.664	0.023	25.685	0.031	25.706	0.031	25.721	0.023	30.147	-0.028	30.169	-0.016	30.189	-0.016	30.213	-0.012
25.736	0.011	25.757	0.023	25.779	0.039	25.795	0.043	30.242	-0.040	30.259	-0.072	30.276	-0.088	30.290	-0.072
25.815	0.043	25.840	0.019	25.859	-0.005	25.880	-0.012	30.305	-0.052	30.324	-0.020	30.337	-0.004	30.351	0.008
25.898	-0.028	25.913	-0.048	25.930	-0.060	25.953	-0.048	30.380	-0.028	30.398	-0.048	30.422	-0.060	30.440	-0.080
25.973	-0.024	25.992	-0.008	26.008	0.032	26.027	0.044	30.460	-0.088	30.474	-0.087	30.500	-0.067	30.518	-0.035
26.046	0.048	26.069	0.068	26.089	0.084	26.104	0.100	30.539	-0.002	30.556	0.022	30.576	0.042	30.598	0.031
26.122	0.112	26.144	0.104	26.160	0.088	26.177	0.068	30.622	-0.028	30.646	-0.016	30.660	-0.015	30.679	-0.043
26.200	0.068	26.223	0.056	26.244	0.032	26.272	0.016	30.700	-0.066	30.719	-0.052	30.752	-0.028	30.756	0.008
26.290	-0.000	26.307	-0.016	26.324	-0.024	26.343	-0.024	30.773	0.016	30.796	0.004	30.813	-0.019	30.829	-0.019
26.362	-0.028	26.383	-0.016	26.404	0.001	26.418	0.025	30.847	-0.014	30.863	-0.014	30.884	-0.034	30.900	-0.061
26.439	0.025	26.455	0.025	26.474	0.013	26.490	0.005	30.915	-0.073	30.931	-0.081	30.955	-0.085	30.979	-0.060
26.510	0.006	26.528	0.026	26.542	0.050	26.562	0.066	31.007	-0.016	31.024	0.004	31.043	0.032	31.059	0.057
26.586	0.042	26.600	0.003	26.615	-0.013	26.631	-0.029	31.076	0.069	31.096	0.065	31.106	0.061	31.122	0.037
26.651	-0.009	26.674	0.003	26.694	-0.013	26.717	-0.025	31.137	0.060	31.158	-0.018	31.185	-0.018	31.214	-0.017
26.738	-0.029	26.752	-0.033	26.765	-0.037	26.784	-0.032	31.245	-0.017	31.274	-0.033	31.300	-0.033	31.317	-0.033
26.801	-0.028	26.821	-0.056	26.843	-0.100	26.860	-0.108	31.337	-0.023	31.355	-0.020	31.372	-0.008	31.395	-0.016
26.884	-0.108	26.912	-0.064	26.934	-0.040	26.960	-0.020	31.416	-0.012	31.437	-0.008	31.455	-0.000	31.474	-0.004

31.486	-0.004	31.493	0.004	31.504	0.016	31.512	0.020	35.011	0.020	35.027	0.016	35.045	-0.008	35.066	-0.040
31.522	0.008	31.529	0.024	31.542	0.024	31.562	0.008	35.081	-0.040	35.100	-0.037	35.117	-0.029	35.137	-0.021
31.575	0.004	31.586	-0.008	31.600	-0.008	31.614	0.000	35.156	-0.005	35.174	-0.005	35.194	-0.005	35.211	-0.005
31.632	0.009	31.646	0.021	31.665	0.025	31.679	0.025	35.224	-0.005	35.242	-0.005	35.259	-0.005	35.270	-0.001
31.657	0.041	31.716	0.037	31.735	0.037	31.757	0.037	35.286	-0.001	35.300	0.003	35.320	0.007	35.335	0.014
31.781	0.038	31.801	0.037	31.819	0.025	31.833	0.005	35.353	0.010	35.367	0.022	35.383	0.022	35.401	0.022
31.849	-0.023	31.865	-0.031	31.886	-0.027	31.902	-0.007	35.411	0.006	35.429	-0.014	35.446	-0.011	35.460	0.005
31.917	-0.023	31.934	-0.039	31.949	-0.035	31.958	-0.011	35.473	0.013	35.489	0.029	35.506	0.037	35.516	0.013
31.969	0.000	31.982	0.016	31.997	0.016	32.011	0.024	35.534	0.005	35.550	0.021	35.563	0.017	35.578	0.021
32.022	0.020	32.037	0.004	32.050	-0.020	32.063	-0.032	35.589	0.049	35.606	0.049	35.619	0.049	35.630	0.037
32.075	-0.032	32.088	-0.032	32.101	-0.020	32.113	0.004	35.651	0.029	35.668	0.029	35.688	0.029	35.706	0.029
32.128	0.023	32.138	0.043	32.152	0.051	32.164	0.043	35.723	0.029	35.739	0.029	35.758	0.025	35.774	0.025
32.174	0.035	32.187	0.022	32.195	0.018	32.208	0.006	35.789	0.005	35.808	-0.023	35.823	-0.019	35.837	-0.043
32.220	0.006	32.231	0.010	32.246	0.009	32.260	0.017	35.856	-0.042	35.870	-0.042	35.887	-0.038	35.898	-0.030
32.273	0.017	32.287	0.025	32.302	0.048	32.314	0.048	35.916	-0.022	35.926	-0.006	35.944	0.006	35.961	0.007
32.331	0.051	32.344	0.051	32.360	0.047	32.377	0.050	35.978	0.007	35.986	0.007	36.014	0.007	36.030	0.007
32.389	0.050	32.405	0.049	32.420	0.049	32.435	0.052	36.046	0.007	36.062	0.007	36.077	-0.001	36.093	0.011
32.450	0.068	32.472	0.063	32.489	0.043	32.505	0.007	36.107	0.011	36.118	0.011	36.132	0.011	36.142	0.011
32.521	-0.001	32.539	-0.026	32.558	-0.022	32.574	-0.022	36.150	0.012	36.167	0.020	36.181	0.012	36.183	0.012
32.587	-0.019	32.598	-0.003	32.613	0.009	32.627	0.029	36.195	0.012	36.207	0.020	36.216	0.020	36.231	0.020
32.641	0.028	32.656	0.020	32.670	0.016	32.688	-0.004	36.248	0.020	36.260	0.022	36.275	0.036	36.291	0.036
32.704	-0.004	32.719	0.008	32.734	0.011	32.749	0.015	36.309	-0.036	36.328	0.020	36.342	-0.020	36.356	-0.020
32.766	0.015	32.786	0.007	32.810	0.007	32.824	0.019	36.372	-0.024	36.389	-0.020	36.404	-0.020	36.421	-0.020
32.845	0.027	32.860	0.047	32.877	0.047	32.895	0.031	36.434	-0.020	36.453	-0.020	36.471	-0.004	36.488	-0.004
32.911	0.031	32.932	0.011	32.950	-0.001	32.970	-0.009	36.499	-0.004	36.517	-0.004	36.532	0.008	36.550	0.008
33.049	-0.069	33.089	-0.069	33.088	-0.073	33.105	-0.073	36.622	-0.012	36.641	-0.024	36.655	-0.024	36.671	-0.024
33.127	-0.073	33.138	-0.065	33.152	-0.041	33.168	-0.041	36.695	-0.008	36.713	-0.020	36.726	-0.036	36.739	-0.036
33.166	-0.053	33.201	-0.064	33.221	-0.064	33.240	-0.065	36.756	-0.044	36.770	-0.040	36.786	-0.036	36.803	-0.044
33.252	-0.065	33.268	-0.049	33.285	-0.037	33.301	-0.041	36.820	-0.060	36.836	-0.060	36.854	-0.060	36.865	-0.052
33.316	-0.041	33.334	-0.037	33.347	-0.033	33.364	-0.021	36.879	-0.045	36.892	-0.029	36.907	-0.033	36.924	-0.053
33.383	-0.013	33.403	-0.009	33.425	-0.009	33.441	-0.002	36.937	-0.057	36.952	-0.057	36.970	-0.057	36.986	-0.053
33.459	-0.006	33.478	-0.026	33.497	-0.026	33.516	-0.050	36.998	-0.037	37.011	-0.021	37.025	-0.009	37.050	0.011
33.534	-0.070	33.551	-0.070	33.569	-0.058	33.591	-0.066	37.069	-0.019	37.088	0.043	37.101	0.019	37.115	-0.005
33.604	-0.066	33.622	-0.066	33.641	-0.070	33.661	-0.054	37.132	0.034	37.152	-0.062	37.166	-0.066	37.183	-0.078
33.679	-0.034	33.691	-0.018	33.707	0.006	33.726	0.006	37.196	-0.066	37.213	-0.046	37.228	-0.038	37.244	-0.022
33.743	-0.010	33.757	-0.026	33.772	-0.014	33.790	0.006	37.260	-0.023	37.281	-0.023	37.296	-0.027	37.312	-0.027
33.812	0.006	33.830	-0.006	33.847	0.007	33.861	-0.001	37.327	-0.027	37.341	-0.007	37.354	-0.003	37.372	0.017
33.878	-0.021	33.892	-0.021	33.903	-0.013	33.917	-0.013	37.368	0.009	37.403	-0.003	37.419	-0.015	37.439	-0.015
33.935	-0.021	33.951	-0.021	33.966	-0.021	33.981	-0.017	37.460	-0.023	37.472	-0.035	37.497	-0.042	37.511	-0.046
33.956	-0.025	34.007	-0.045	34.024	-0.053	34.039	-0.061	37.526	-0.054	37.555	-0.038	37.554	-0.030	37.568	-0.022
34.053	-0.061	34.066	-0.048	34.081	-0.044	34.097	-0.036	37.588	-0.018	37.608	-0.014	37.628	-0.014	37.645	-0.017
34.117	-0.024	34.132	-0.020	34.154	-0.020	34.170	-0.020	37.663	-0.033	37.675	-0.044	37.656	-0.044	37.712	-0.032
34.183	-0.008	34.197	0.004	34.214	-0.000	34.229	0.020	37.727	-0.031	37.757	-0.031	37.773	-0.030	37.793	-0.030
34.244	0.016	34.258	0.016	34.277	-0.000	34.291	0.004	37.808	-0.030	37.827	-0.012	37.844	-0.017	37.863	-0.012
34.311	-0.004	34.329	0.004	34.346	0.023	34.361	0.047	37.878	-0.020	37.898	-0.009	37.917	-0.007	37.934	-0.003
34.376	0.071	34.388	0.075	34.400	0.063	34.414	0.051	37.951	0.013	37.966	0.009	37.977	0.009	37.998	0.006
34.502	0.031	34.517	0.031	34.567	0.023	34.580	0.019	38.015	-0.006	38.025	-0.006	38.042	-0.022	38.065	-0.038
34.560	0.034	34.580	0.022	34.596	0.018	34.618	0.018	38.076	-0.029	38.093	-0.013	38.108	-0.001	38.122	0.015
34.638	0.014	34.662	0.006	34.679	-0.007	34.693	-0.007	38.138	0.023	38.154	0.039	38.173	0.048	38.187	0.060
34.710	-0.007	34.723	-0.011	34.742	-0.019	34.755	-0.011	38.208	0.056	38.225	0.048	38.245	0.020	38.263	-0.008
34.771	-0.009	34.784	0.025	34.796	0.045	34.807	0.061	38.283	-0.028	38.302	-0.028	38.316	-0.024	38.333	-0.012
34.821	0.033	34.835	0.012	34.853	0.004	34.865	-0.020	38.351	-0.012	38.370	-0.012	38.382	-0.020	38.397	-0.024
34.883	-0.020	34.900	-0.012	34.913	-0.012	34.928	-0.004	38.408	-0.028	38.425	-0.036	38.440	-0.044	38.455	-0.052
34.950	0.000	34.964	0.012	34.982	0.020	34.997	0.028	38.470	-0.052	38.486	-0.052	38.504	-0.044	38.521	-0.036
								38.535	-0.020	38.558	-0.020	38.574	-0.012	38.591	-0.008

38.604	0.012	38.617	0.020	38.637	0.028	38.654	0.028	42.826	-0.028	42.845	-0.024	42.866	-0.028	42.885	-0.028
38.677	0.016	38.689	-0.000	38.706	-0.000	38.724	-0.000	42.906	-0.016	42.932	-0.004	42.948	-0.012	42.966	-0.028
38.739	0.004	38.755	0.012	38.772	0.012	38.791	0.020	42.984	-0.035	43.003	-0.031	43.036	-0.007	43.050	0.001
38.805	0.020	38.823	0.024	38.842	0.036	38.858	0.048	43.076	-0.019	43.099	-0.015	43.117	-0.019	43.137	0.026
38.871	0.052	38.893	0.068	38.916	0.072	38.938	0.068	43.154	-0.022	43.173	-0.014	43.207	0.030	43.223	-0.010
38.956	0.076	38.972	0.076	38.993	0.036	39.014	0.024	43.247	-0.006	43.265	-0.017	43.286	-0.013	43.307	-0.009
39.034	0.008	39.051	-0.000	39.072	-0.004	39.093	-0.012	43.331	-0.001	43.351	-0.003	43.377	-0.003	43.395	-0.005
39.115	-0.012	39.130	-0.020	39.148	-0.020	39.162	-0.020	43.422	-0.009	43.442	-0.001	43.464	0.003	43.483	0.011
39.178	-0.008	39.194	0.004	39.213	0.004	39.228	0.012	43.503	0.020	43.524	0.036	43.541	0.056	43.561	0.064
39.242	0.012	39.258	0.020	39.271	0.020	39.290	0.020	43.575	0.072	43.594	0.064	43.614	0.060	43.637	0.056
39.306	0.008	39.320	-0.001	39.334	-0.005	39.354	0.003	43.658	0.052	43.675	0.044	43.690	0.028	43.710	0.020
39.377	0.023	39.392	0.023	39.412	0.019	39.432	0.019	43.727	0.024	43.746	0.028	43.763	0.032	43.786	0.040
39.452	0.019	39.473	0.019	39.493	0.011	39.512	0.007	43.800	0.028	43.817	0.020	43.839	0.024	43.862	0.024
39.532	0.007	39.547	0.003	39.567	0.003	39.591	0.003	43.887	0.028	43.905	0.032	43.927	0.044	43.946	0.040
39.610	-0.002	39.630	0.010	39.642	0.014	39.663	0.018	43.971	0.064	43.990	0.060	44.005	0.044	44.027	0.064
39.686	0.018	39.709	0.018	39.731	0.018	39.753	0.017	44.051	0.072	44.067	0.076	44.090	0.092	44.108	0.068
39.773	0.017	39.794	0.017	39.814	0.009	39.832	0.009	44.131	0.060	44.151	0.056	44.171	0.048	44.192	0.032
39.849	0.009	39.862	-0.003	39.881	-0.003	39.901	-0.003	44.213	0.028	44.227	0.020	44.246	0.020	44.267	0.004
39.914	-0.007	39.927	-0.007	39.938	0.005	39.954	0.013	44.289	0.004	44.305	-0.000	44.328	0.008	44.347	0.020
39.972	0.025	39.987	0.033	40.005	0.017	40.023	0.005	44.368	0.020	44.392	0.020	44.411	-0.001	44.431	-0.001
40.042	0.005	40.061	0.001	40.076	-0.007	40.092	-0.023	44.450	0.003	44.463	-0.001	44.479	0.003	44.494	-0.005
40.124	-0.039	40.141	-0.039	40.162	-0.055	40.190	-0.054	44.512	-0.025	44.528	-0.025	44.547	-0.033	44.577	-0.029
40.216	-0.054	40.223	-0.042	40.243	-0.038	40.257	-0.021	44.599	-0.037	44.617	-0.037	44.645	-0.025	44.675	0.003
40.277	-0.029	40.295	-0.021	40.312	-0.025	40.327	-0.012	44.689	-0.033	44.702	-0.073	44.718	-0.069	44.743	-0.073
40.349	-0.020	40.367	-0.048	40.395	-0.064	40.416	-0.063	44.764	-0.077	44.787	-0.065	44.805	-0.073	44.825	-0.073
40.435	-0.063	40.455	-0.059	40.475	-0.059	40.490	-0.078	44.848	-0.072	44.871	-0.064	44.906	-0.071	44.922	-0.071
40.516	-0.082	40.521	-0.074	40.542	-0.066	40.564	-0.050	44.944	-0.074	44.967	-0.062	44.991	-0.041	45.013	-0.037
40.584	-0.038	40.602	-0.026	40.621	-0.025	40.643	-0.017	45.028	-0.032	45.045	-0.028	45.074	0.001	45.086	-0.035
40.664	-0.009	40.683	-0.033	40.701	-0.049	40.724	-0.049	45.107	-0.031	45.124	-0.047	45.147	-0.034	45.168	-0.046
40.750	-0.045	40.777	-0.032	40.799	-0.032	40.818	-0.024	45.151	-0.034	45.212	-0.049	45.235	-0.041	45.257	-0.041
40.831	-0.008	40.846	-0.000	40.873	-0.000	40.901	0.004	45.278	-0.036	45.297	-0.032	45.314	-0.020	45.333	-0.004
40.932	0.016	40.957	0.008	40.981	0.012	41.008	0.012	45.350	0.008	45.368	0.024	45.390	0.048	45.410	0.028
41.035	0.016	41.060	0.016	41.083	0.028	41.107	0.048	45.430	0.024	45.454	0.036	45.469	0.028	45.488	0.028
41.128	0.040	41.152	0.044	41.180	0.028	41.212	0.028	45.505	0.024	45.526	0.024	45.540	0.016	45.558	0.008
41.242	0.032	41.272	0.040	41.298	0.044	41.323	0.052	45.577	0.032	45.591	-0.000	45.605	0.012	45.622	0.016
41.351	0.072	41.388	0.116	41.400	0.068	41.432	0.072	45.635	0.020	45.656	0.028	45.673	0.036	45.691	0.040
41.461	0.100	41.493	0.092	41.519	0.068	41.549	0.064	45.711	0.040	45.730	0.044	45.750	0.032	45.770	0.024
41.570	0.056	41.587	0.060	41.604	0.048	41.621	0.044	45.794	0.028	45.814	0.028	45.837	0.040	45.860	0.036
41.634	0.032	41.659	0.032	41.685	0.036	41.708	0.064	45.881	0.032	45.905	0.028	45.922	0.028	45.943	0.024
41.735	0.068	41.754	0.056	41.762	0.056	41.772	0.056	45.963	0.020	45.984	0.020	46.003	0.027	46.026	0.031
41.825	0.060	41.843	0.048	41.856	0.036	41.868	0.028	46.043	0.031	46.064	0.039	46.084	0.047	46.104	0.051
41.882	0.004	41.893	-0.004	41.910	-0.012	41.923	-0.028	46.121	0.055	46.143	0.067	46.163	0.063	46.182	0.051
41.937	-0.032	41.961	-0.016	41.967	-0.032	41.990	-0.036	46.204	0.059	46.213	0.067	46.233	0.018	46.254	0.018
42.005	-0.048	42.022	-0.052	42.038	-0.056	42.055	-0.052	46.271	-0.002	46.289	-0.011	46.308	0.002	46.327	-0.002
42.072	-0.052	42.095	-0.052	42.106	-0.056	42.124	-0.052	46.353	0.017	46.360	-0.011	46.376	0.017	46.392	0.009
42.141	-0.044	42.155	-0.052	42.170	-0.052	42.190	-0.052	46.413	0.021	46.430	0.029	46.450	0.025	46.467	0.045
42.206	-0.056	42.236	-0.060	42.252	-0.060	42.279	-0.052	46.482	-0.008	46.501	0.056	46.520	0.016	46.542	0.012
42.292	-0.052	42.306	-0.048	42.317	-0.032	42.333	-0.032	46.562	-0.008	46.585	0.056	46.602	0.012	46.626	0.032
42.346	-0.028	42.361	-0.028	42.375	-0.044	42.393	-0.028	46.646	0.012	46.663	0.012	46.681	0.020	46.702	0.028
42.411	-0.032	42.426	-0.032	42.439	-0.048	42.456	-0.056	46.722	0.028	46.746	0.032	46.766	0.024	46.786	0.024
42.472	-0.068	42.488	-0.072	42.504	-0.072	42.520	-0.072	46.806	0.044	46.826	0.036	46.842	0.024	46.857	0.012
42.536	-0.072	42.558	-0.072	42.578	-0.072	42.594	-0.072	46.876	0.028	46.896	0.008	46.917	0.004	46.934	-0.020
42.613	-0.052	42.633	-0.048	42.655	-0.040	42.673	-0.032	46.962	0.028	46.978	-0.000	47.000	-0.004	47.020	0.008
42.688	-0.036	42.704	-0.028	42.720	-0.020	42.741	-0.016	47.043	0.024	47.063	0.020	47.085	0.024	47.109	0.036
42.756	-0.004	42.772	-0.012	42.791	-0.000	42.806	-0.020	47.124	0.020	47.149	0.004	47.173	0.024	47.193	0.048
								47.209	0.028	47.224	0.060	47.241	0.040	47.263	0.040

47.280	0.032	47.302	0.032	47.321	0.032	47.342	0.032	51.519	0.020	51.541	-0.000	51.568	0.020	51.590	0.024
47.362	0.032	47.386	0.031	47.406	0.035	47.424	0.035	51.610	0.024	51.632	0.028	51.652	0.020	51.680	0.052
47.463	0.019	47.483	0.015	47.484	0.019	47.505	0.035	51.657	0.036	51.716	0.040	51.736	0.036	51.762	0.052
47.525	0.019	47.542	0.015	47.561	0.015	47.579	0.015	51.779	0.073	51.791	0.057	51.809	0.062	51.820	0.047
47.595	0.026	47.614	0.046	47.633	0.054	47.647	0.046	51.840	0.044	51.857	0.048	51.872	0.053	51.884	0.046
47.662	0.034	47.678	0.022	47.691	0.014	47.708	0.006	51.856	0.047	51.911	0.032	51.927	0.037	51.935	0.025
47.726	0.005	47.744	0.001	47.760	0.001	47.779	0.009	51.941	0.026	51.947	0.018	51.964	0.018	51.982	0.015
47.796	0.005	47.815	0.009	47.829	0.017	47.843	0.025	52.005	0.020	52.028	0.020	52.066	0.024	52.058	0.028
47.860	0.028	47.875	0.012	47.891	0.008	47.908	0.008	52.136	0.040	52.156	0.048	52.173	0.036	52.200	0.028
47.922	-0.008	47.941	-0.008	47.959	-0.020	47.974	-0.008	52.219	0.020	52.244	0.020	52.272	0.032	52.296	0.032
47.991	-0.017	48.006	-0.025	48.020	-0.029	48.033	-0.021	52.333	0.024	52.356	0.024	52.382	0.020	52.406	0.024
48.049	-0.021	48.063	-0.021	48.080	-0.025	48.096	-0.037	52.429	0.020	52.465	0.024	52.508	0.020	52.532	0.008
48.114	-0.029	48.132	-0.030	48.150	-0.034	48.167	-0.034	52.569	-0.000	52.603	-0.000	52.632	-0.008	52.655	-0.012
48.184	-0.054	48.202	-0.042	48.224	-0.026	48.239	-0.046	52.664	0.012	52.710	-0.004	52.738	-0.008	52.752	-0.008
48.260	-0.023	48.281	-0.031	48.299	-0.043	48.319	-0.047	52.773	-0.012	52.800	-0.020	52.827	-0.012	52.844	-0.013
48.334	-0.043	48.359	-0.039	48.380	-0.011	48.397	-0.040	52.855	-0.021	52.880	-0.049	52.898	-0.061	52.912	-0.061
48.413	-0.032	48.429	-0.044	48.448	-0.036	48.464	-0.044	52.932	-0.053	52.950	-0.045	52.979	-0.033	53.012	-0.025
48.485	-0.020	48.502	-0.048	48.517	-0.036	48.543	-0.032	53.041	-0.018	53.062	-0.018	53.080	-0.010	53.112	0.002
48.560	-0.024	48.575	-0.024	48.594	-0.028	48.613	-0.028	53.128	-0.006	53.155	-0.007	53.176	0.005	53.193	0.005
48.632	-0.028	48.654	-0.008	48.672	-0.012	48.686	-0.004	53.212	0.009	53.242	0.001	53.264	-0.011	53.299	0.004
48.704	0.004	48.721	0.016	48.737	0.024	48.753	0.012	53.325	-0.008	53.349	-0.016	53.375	-0.016	53.403	-0.008
48.774	0.004	48.795	-0.004	48.818	-0.016	48.839	-0.008	53.433	0.012	53.453	0.020	53.476	-0.004	53.512	-0.008
48.854	-0.004	48.877	0.020	48.892	-0.008	48.916	-0.004	53.538	-0.024	53.560	-0.020	53.585	-0.008	53.621	-0.008
48.932	-0.004	48.952	-0.004	48.971	-0.004	48.991	-0.008	53.658	-0.012	53.697	-0.024	53.730	-0.016	53.769	-0.008
49.011	-0.008	49.032	-0.000	49.055	0.004	49.075	0.020	53.810	-0.000	53.868	-0.001	53.878	-0.001	53.916	0.019
49.092	0.024	49.108	0.020	49.132	0.020	49.148	0.012	53.939	0.023	53.966	0.007	53.999	0.003	54.035	0.015
49.166	-0.000	49.188	-0.000	49.210	0.004	49.232	0.008	54.068	0.019	54.098	0.014	54.110	0.006	54.150	0.006
49.250	0.008	49.271	0.024	49.293	0.016	49.311	0.028	54.175	0.006	54.194	0.006	54.229	-0.011	54.252	-0.003
49.335	0.036	49.351	0.036	49.371	0.040	49.387	0.040	54.265	-0.007	54.333	-0.012	54.361	-0.008	54.384	-0.000
49.406	0.036	49.425	0.028	49.448	0.016	49.470	0.016	54.418	0.007	54.456	0.010	54.482	0.002	54.521	-0.011
49.486	0.016	49.508	0.036	49.520	0.020	49.537	0.020	54.547	-0.011	54.577	0.008	54.606	0.016	54.647	0.023
49.555	0.028	49.575	0.032	49.598	0.044	49.618	0.040	54.684	0.014	54.717	0.014	54.773	0.013	54.799	0.005
49.636	0.040	49.652	0.036	49.670	0.044	49.687	0.016	54.831	0.005	54.874	0.012	54.910	0.012	54.950	-0.001
49.705	0.004	49.735	0.004	49.757	0.020	49.772	0.012	55.002	-0.005	55.050	-0.002	55.091	-0.002	55.164	-0.010
49.799	0.024	49.813	0.020	49.832	0.040	49.854	0.060	55.236	0.001	55.315	0.001	55.428	-0.016	55.488	0.008
49.868	0.036	49.889	0.040	49.908	0.028	49.929	0.028	55.542	-0.008	55.555	-0.000	55.646	0.020	55.688	0.020
49.952	0.016	49.966	0.024	49.988	0.036	50.007	0.040	55.720	0.004	55.768	-0.000	55.825	0.008	55.845	-0.000
50.025	0.033	50.043	0.017	50.064	0.009	50.086	0.009	55.930	-0.016	55.982	-0.020	56.032	-0.028	56.079	-0.016
50.103	-0.006	50.120	-0.006	50.141	-0.006	50.160	-0.010	56.058	-0.028	56.134	-0.008	56.189	-0.004	56.215	-0.012
50.179	-0.025	50.196	-0.017	50.215	-0.001	50.232	-0.000	56.258	-0.012	56.316	-0.003	56.326	-0.003	56.361	-0.011
50.253	0.004	50.278	0.009	50.293	-0.007	50.308	-0.002	56.389	-0.015	56.415	-0.011	56.467	-0.030	56.508	-0.022
50.330	0.002	50.359	0.003	50.375	0.007	50.393	0.020	56.544	-0.021	56.585	-0.025	56.617	-0.008	56.657	-0.008
50.411	0.020	50.431	0.012	50.449	0.008	50.465	0.001	56.656	-0.007	56.756	-0.006	56.817	0.015	56.863	0.024
50.486	-0.003	50.509	-0.015	50.529	-0.007	50.544	-0.007	56.927	0.005	56.942	0.017	56.974	0.017	57.018	0.010
50.562	-0.003	50.581	-0.007	50.602	0.006	50.630	0.014	57.062	0.002	57.058	0.003	57.143	-0.005	57.187	0.011
50.644	-0.018	50.664	-0.026	50.696	-0.006	50.722	-0.010	57.226	0.015	57.263	0.024	57.280	0.028	57.325	0.035
50.740	0.014	50.757	0.002	50.776	-0.006	50.795	0.022	57.354	0.047	57.391	0.035	57.430	0.031	57.470	0.035
50.819	0.021	50.836	0.001	50.853	-0.003	50.876	0.013	57.507	0.027	57.520	0.027	57.564	0.015	57.619	0.003
50.896	0.009	50.913	-0.007	50.935	0.009	50.954	0.000	57.670	-0.005	57.716	-0.014	57.750	-0.030	57.781	-0.034
50.973	-0.008	50.997	-0.016	51.020	-0.004	51.039	-0.004	57.809	-0.026	57.852	-0.022	57.879	-0.022	57.917	-0.010
51.049	-0.032	51.075	-0.008	51.088	-0.020	51.105	-0.036	57.954	-0.006	57.983	-0.018	58.024	0.002	58.072	0.010
51.129	-0.020	51.147	-0.041	51.172	-0.021	51.186	-0.037	58.120	0.010	58.193	0.011	58.265	0.023	58.337	0.016
51.209	-0.001	51.223	-0.001	51.248	0.003	51.259	-0.001	58.387	0.017	58.460	0.013	58.504	0.014	58.540	0.026
51.276	-0.005	51.296	-0.026	51.318	-0.038	51.333	-0.026	58.560	0.026	58.620	0.042	58.651	0.034	58.685	0.034
51.352	-0.034	51.377	0.009	51.393	-0.001	51.413	-0.007								
51.431	0.008	51.451	0.000	51.470	-0.000	51.495	0.008								

3315 POINTS 58.706 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1431 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.00	0.039	0.007	0.015	0.017	0.039	0.025	0.083	1.617	0.155	1.625	0.351	1.630	0.431	1.640	0.515	1.649	0.495	1.663	0.099
0.034	0.147	0.041	0.203	0.052	0.207	0.061	0.163	1.649	0.495	1.663	0.255	1.665	0.223	1.668	0.099	1.673	0.037	1.678	-0.345
0.067	0.079	0.071	0.027	0.081	-0.025	0.093	-0.009	1.673	-0.037	1.678	-0.177	1.683	-0.265	1.689	-0.345	1.703	-0.144	1.712	-0.321
0.104	0.027	0.118	0.055	0.133	0.116	0.147	0.144	1.703	-0.144	1.712	-0.321	1.719	-0.225	1.722	-0.133	1.730	0.035	1.735	0.139
0.160	0.156	0.171	0.128	0.178	0.112	0.184	0.068	1.730	0.035	1.735	0.139	1.744	0.267	1.757	0.323	1.773	0.173	1.783	0.179
0.198	-0.016	0.215	-0.043	0.232	-0.043	0.263	0.045	1.773	0.173	1.783	0.179	1.792	0.084	1.801	-0.028	1.811	-0.080	1.835	0.000
0.266	0.109	0.274	0.169	0.279	0.237	0.286	0.265	1.811	-0.080	1.835	0.000	1.848	-0.084	1.855	0.184	1.870	-0.303	1.883	-0.223
0.293	0.286	0.303	0.238	0.311	0.182	0.317	0.122	1.870	-0.303	1.883	-0.223	1.891	0.103	1.900	0.045	1.908	0.149	1.918	0.161
0.327	0.046	0.334	-0.010	0.347	-0.057	0.360	-0.053	1.908	0.149	1.918	0.161	1.931	0.065	1.945	-0.047	1.973	0.010	1.986	0.090
0.380	0.072	0.394	-0.088	0.404	-0.143	0.413	-0.211	1.973	0.010	1.986	0.090	2.004	0.146	2.016	0.147	2.042	0.003	2.049	0.085
0.420	-0.235	0.432	-0.367	0.445	-0.286	0.453	-0.210	2.042	0.003	2.049	0.085	2.057	-0.189	2.062	-0.289	2.089	-0.332	2.079	0.380
0.466	0.082	0.466	-0.022	0.477	0.086	0.484	0.142	2.089	-0.332	2.079	0.380	2.089	-0.332	2.056	-0.212	2.104	-0.656	2.109	0.058
0.454	-0.056	0.507	0.067	0.511	-0.021	0.517	-0.165	2.104	-0.656	2.141	0.664	2.152	0.204	2.116	0.380	2.123	0.231	2.205	0.023
0.522	-0.245	0.527	-0.316	0.530	-0.392	0.537	-0.464	2.123	0.231	2.205	0.023	2.231	-0.141	2.241	-0.153	2.259	-0.677	2.285	0.021
0.548	-0.448	0.556	-0.392	0.566	-0.288	0.572	-0.176	2.259	-0.677	2.285	0.021	2.309	-0.069	2.319	-0.045	2.350	0.315	2.367	0.275
0.579	-0.080	0.592	0.020	0.612	0.144	0.617	0.188	2.350	0.315	2.367	0.275	2.394	-0.057	2.414	-0.045	2.433	0.023	2.448	0.014
0.631	0.236	0.657	0.153	0.669	0.113	0.683	0.133	2.433	0.023	2.448	0.014	2.474	0.046	2.490	0.225	2.509	0.465	2.526	0.508
0.694	0.237	0.703	0.325	0.716	0.369	0.738	0.277	2.509	0.465	2.526	0.508	2.535	0.380	2.550	0.084	2.572	-0.165	2.585	-0.111
0.747	0.213	0.765	0.157	0.778	0.102	0.788	0.038	2.572	-0.165	2.585	-0.111	2.592	0.083	2.613	0.710	2.633	0.264	2.642	0.754
0.802	0.066	0.821	0.082	0.835	0.066	0.853	0.038	2.633	0.264	2.642	0.754	2.651	0.362	2.672	-0.083	2.693	0.683	2.703	0.683
0.870	0.042	0.882	0.118	0.890	0.202	0.905	0.258	2.651	0.362	2.672	-0.083	2.727	-0.388	2.736	-0.332	2.844	-0.441	2.864	-0.657
0.917	0.262	0.930	0.194	0.937	0.102	0.948	0.018	2.727	-0.388	2.736	-0.332	2.844	-0.441	2.864	-0.657	2.886	0.331	2.893	0.683
0.955	-0.078	0.955	-0.078	0.965	-0.210	0.973	-0.222	2.815	0.173	2.778	0.643	2.793	0.683	2.806	0.571	2.826	0.441	2.844	-0.441
0.984	0.138	0.986	-0.078	0.992	0.018	0.995	0.118	2.815	0.173	2.778	0.643	2.793	0.683	2.806	0.571	2.826	0.441	2.844	-0.441
1.024	0.418	1.003	0.302	1.005	0.394	1.015	0.430	2.878	-0.677	2.893	0.629	2.901	-0.497	2.912	-0.269	2.934	-0.295	2.957	-0.433
1.044	0.014	1.033	0.302	1.036	0.206	1.041	0.098	2.922	-0.209	2.934	-0.295	2.957	-0.433	2.972	-0.337	2.993	0.683	3.028	0.454
1.044	0.014	1.046	-0.066	1.049	-0.166	1.052	-0.230	2.981	-0.181	2.993	-0.144	3.012	0.450	3.028	0.454	3.043	0.305	3.059	0.454
1.056	-0.282	1.057	-0.282	1.058	-0.442	1.065	-0.562	3.039	0.278	3.052	0.146	3.079	-0.330	3.093	-0.222	3.124	-0.702	3.136	-0.898
1.071	-0.566	1.082	-0.502	1.087	-0.434	1.095	-0.336	3.111	-0.562	3.124	-0.702	3.136	-0.898	3.152	-0.922	3.175	-0.758	3.226	0.767
1.104	-0.222	1.113	-0.130	1.125	-0.074	1.136	0.010	3.185	-0.758	3.226	0.767	3.243	-0.125	3.263	0.583	3.283	0.433	3.313	0.255
1.145	0.082	1.157	0.210	1.168	0.246	1.177	0.210	3.243	-0.125	3.263	0.583	3.283	0.433	3.313	0.255	3.343	0.166	3.364	0.183
1.165	0.114	1.195	0.050	1.208	0.029	1.219	0.073	3.343	0.166	3.364	0.183	3.394	0.305	3.421	0.305	3.448	0.294	3.476	-0.430
1.226	0.129	1.234	0.189	1.241	0.253	1.250	0.273	3.394	0.305	3.421	0.305	3.448	0.294	3.476	-0.430	3.504	0.166	3.531	0.657
1.259	0.233	1.264	0.185	1.270	0.093	1.274	0.017	3.504	0.166	3.531	0.657	3.559	-0.300	3.571	-0.132	3.593	-0.608	3.628	-0.060
1.275	-0.039	1.285	-0.055	1.292	-0.123	1.305	-0.079	3.559	-0.300	3.571	-0.132	3.593	-0.608	3.628	-0.060	3.657	-0.657	3.691	-0.084
1.324	0.029	1.331	0.061	1.331	0.101	1.344	0.160	3.657	-0.657	3.691	-0.084	3.723	0.379	3.744	0.248	3.779	-0.593	3.793	0.469
1.398	0.144	1.404	0.088	1.425	0.004	1.434	-0.016	3.723	0.379	3.744	0.248	3.779	-0.593	3.809	0.145	3.816	-0.071	3.824	-0.235
1.460	-0.032	1.480	0.044	1.497	0.044	1.517	0.028	3.809	0.145	3.816	-0.071	3.847	-0.387	3.857	-0.477	3.876	-0.550	3.876	-0.550
1.558	0.023	1.564	-0.057	1.572	0.049	1.579	-0.281	3.847	-0.387	3.857	-0.477	3.876	-0.550	3.876	-0.550	3.876	-0.550	3.876	-0.550
1.590	-0.337	1.606	-0.221	1.611	-0.081	1.614	0.039	3.876	-0.550	3.876	-0.550	3.876	-0.550	3.876	-0.550	3.876	-0.550	3.876	-0.550

3.885	0.302	3.892	0.514	3.899	0.726	3.910	0.798	7.084	-0.243	7.110	-0.047	7.121	0.041	7.132	0.061
3.927	0.658	3.939	0.438	3.959	0.306	3.980	0.618	7.147	0.021	7.156	-0.055	7.167	-0.172	7.182	-0.200
3.956	0.930	4.011	0.886	4.023	0.615	4.054	0.229	7.156	-0.124	7.211	-0.004	7.218	0.100	7.228	0.152
4.069	0.349	4.085	0.309	4.105	0.233	4.121	0.177	7.243	0.088	7.253	-0.024	7.259	-0.100	7.265	-0.172
4.155	0.169	4.174	0.201	4.185	0.105	4.198	0.051	7.280	0.329	7.297	-0.349	7.311	-0.281	7.325	-0.085
4.214	0.527	4.233	0.655	4.243	0.667	4.265	0.555	7.334	0.003	7.344	0.055	7.358	0.151	7.377	0.078
4.271	0.355	4.282	0.155	4.292	0.005	4.301	-0.205	7.412	0.062	7.435	0.130	7.458	0.230	7.480	0.150
4.310	0.397	4.318	0.649	4.338	0.697	4.346	-0.601	7.526	-0.030	7.566	0.001	7.612	-0.039	7.653	0.021
4.356	0.265	4.373	0.143	4.392	0.283	4.401	0.219	7.672	0.177	7.704	0.329	7.720	0.229	7.732	0.033
4.409	0.067	4.443	0.201	4.477	0.059	4.497	0.035	7.742	-0.119	7.752	0.251	7.770	0.287	7.787	-0.107
4.512	0.019	4.546	0.071	4.554	0.031	4.562	-0.073	7.803	0.077	7.822	0.257	7.839	0.265	7.852	0.126
4.567	0.209	4.588	-0.469	4.558	-0.501	4.610	-0.385	7.862	0.026	7.876	-0.154	7.901	-0.246	7.948	-0.057
4.619	0.233	4.628	-0.029	4.635	0.171	4.646	0.483	7.964	-0.213	7.994	-0.429	8.006	-0.313	8.032	-0.025
4.665	1.039	4.677	1.147	4.685	1.051	4.693	0.863	8.053	0.044	8.088	-0.056	8.105	-0.004	8.127	0.128
4.701	0.527	4.712	0.087	4.722	-0.165	4.736	-0.405	8.144	0.169	8.162	0.065	8.181	0.033	8.195	0.101
4.750	0.429	4.771	-0.369	4.783	-0.405	4.801	-0.473	8.213	0.277	8.240	0.386	8.256	0.290	8.254	0.235
4.810	0.425	4.819	-0.337	4.840	-0.145	4.857	-0.077	8.309	0.147	8.329	0.043	8.347	0.031	8.354	0.083
4.882	-0.041	4.891	-0.061	4.899	-0.125	4.924	-0.325	8.389	0.152	8.405	0.256	8.424	0.292	8.571	0.316
4.937	0.325	4.947	-0.286	4.952	-0.158	4.966	0.058	8.488	0.336	8.512	0.316	8.534	0.292	8.571	0.316
4.980	0.178	4.990	0.106	4.998	-0.010	5.006	-0.190	8.584	0.228	8.605	0.148	8.620	0.204	8.638	0.344
5.020	0.294	5.038	-0.022	5.045	0.310	5.058	0.574	8.651	0.400	8.672	-0.328	8.672	0.220	8.680	0.104
5.072	0.730	5.084	0.542	5.094	0.146	5.113	-0.358	8.689	-0.076	8.707	-0.052	8.718	-0.428	8.734	-0.504
5.131	0.514	5.144	-0.390	5.156	-0.146	5.162	0.186	8.752	-0.404	8.777	-0.052	8.805	0.167	8.830	0.127
5.176	0.518	5.184	0.585	5.189	0.609	5.201	0.565	8.847	0.055	8.876	-0.129	8.891	-0.081	8.917	0.171
5.210	0.481	5.236	0.161	5.248	0.097	5.262	0.141	8.935	0.263	8.946	0.159	8.957	0.031	8.983	-0.185
5.277	0.225	5.286	0.201	5.296	0.089	5.303	-0.111	8.958	-0.105	9.022	0.015	9.043	0.063	9.066	0.031
5.320	0.471	5.330	-0.543	5.348	-0.455	5.354	-0.347	9.090	0.001	9.103	0.055	9.125	0.235	9.143	0.303
5.361	0.047	5.371	-0.047	5.385	0.013	5.402	0.045	9.161	0.227	9.192	0.051	9.211	0.016	9.242	0.148
5.418	0.048	5.441	-0.060	5.455	-0.152	5.478	-0.228	9.276	0.136	9.315	0.239	9.341	0.175	9.354	0.051
5.492	0.324	5.504	-0.372	5.519	-0.320	5.538	-0.216	9.371	-0.117	9.382	-0.281	9.413	-0.438	9.425	-0.358
5.562	0.248	5.570	-0.192	5.585	0.111	5.598	0.611	9.448	-0.114	9.468	-0.027	9.493	-0.035	9.521	0.061
5.605	0.851	5.618	1.051	5.626	1.055	5.634	0.559	9.541	0.057	9.566	-0.044	9.579	-0.012	9.601	0.115
5.642	0.755	5.650	0.415	5.657	0.099	5.665	-0.137	9.619	0.091	9.640	0.066	9.654	0.129	9.682	0.440
5.676	0.445	5.691	-0.513	5.703	-0.430	5.716	-0.282	9.702	0.471	9.718	0.350	9.761	0.001	9.751	-0.125
5.734	-0.118	5.748	-0.150	5.766	-0.174	5.779	-0.070	9.815	-0.082	9.841	0.025	9.875	0.092	9.854	0.043
5.757	0.357	5.817	0.625	5.827	0.617	5.833	0.537	9.912	-0.006	9.930	0.054	9.945	0.257	9.972	0.380
5.841	0.389	5.849	0.225	5.856	0.037	5.867	-0.143	10.025	0.479	10.093	0.357	10.108	0.217	10.122	-0.023
5.878	-0.291	5.902	-0.348	5.948	-0.332	5.952	-0.244	10.164	-0.265	10.176	-0.278	10.191	-0.263	10.209	-0.243
5.962	-0.128	5.975	0.156	6.000	0.395	6.013	0.291	10.220	-0.234	10.244	-0.237	10.257	-0.265	10.276	-0.332
6.024	0.119	6.036	-0.029	6.047	-0.189	6.071	-0.289	10.257	-0.207	10.318	0.033	10.347	0.214	10.362	0.115
6.089	-0.353	6.116	-0.462	6.128	-0.362	6.138	-0.190	10.373	0.035	10.385	-0.036	10.407	0.041	10.424	0.165
6.148	0.034	6.157	0.253	6.166	0.445	6.183	0.593	10.444	0.350	10.461	0.131	10.478	0.003	10.487	-0.056
6.198	0.657	6.214	0.644	6.223	0.520	6.234	0.352	10.504	-0.099	10.528	-0.143	10.546	-0.162	10.568	-0.190
6.248	0.128	6.261	-0.009	6.280	-0.201	6.295	-0.377	10.589	-0.079	10.620	-0.165	10.632	-0.277	10.646	0.173
6.308	-0.374	6.324	-0.182	6.330	0.030	6.341	0.198	10.666	-0.043	10.680	-0.175	10.713	-0.171	10.746	-0.171
6.348	0.346	6.367	0.437	6.384	0.325	6.396	0.133	10.774	-0.123	10.800	-0.107	10.820	-0.008	10.843	0.088
6.408	-0.011	6.426	-0.171	6.447	-0.240	6.460	-0.176	10.872	0.064	10.892	0.063	10.915	-0.069	10.935	-0.069
6.476	-0.060	6.484	0.060	6.457	0.164	6.510	0.115	10.961	0.017	10.982	0.063	11.005	0.102	11.024	0.014
6.526	-0.013	6.545	0.047	6.568	0.447	6.586	0.594	11.037	-0.114	11.057	-0.266	11.088	-0.282	11.085	-0.223
6.602	0.458	6.618	0.310	6.639	0.078	6.670	-0.206	11.108	-0.111	11.126	0.000	11.145	-0.063	11.164	-0.044
6.679	-0.234	6.693	-0.166	6.705	-0.054	6.734	0.006	11.174	0.068	11.156	0.000	11.214	-0.076	11.230	-0.136
6.745	0.073	6.763	0.241	6.785	0.329	6.799	0.201	11.248	-0.172	11.268	-0.169	11.286	-0.077	11.303	0.019
6.809	0.041	6.816	-0.083	6.828	-0.263	6.842	-0.399	11.326	0.099	11.349	0.063	11.370	0.055	11.392	0.023
6.854	-0.444	6.875	-0.144	6.891	-0.064	6.923	-0.064	11.421	0.047	11.444	0.067	11.477	0.011	11.456	0.035
6.941	0.047	6.961	0.243	6.993	0.375	7.009	0.294	11.518	0.047	11.538	-0.057	11.557	-0.189	11.578	-0.305
7.025	0.114	7.042	-0.086	7.066	-0.310	7.072	-0.306	11.590	-0.309	11.608	-0.233	11.626	-0.077	11.643	0.071

11.663	0.123	11.682	0.059	11.701	-0.081	11.719	-0.160	16.436	-C.090	16.456	-C.102	16.473	-0.111	16.488	-0.091
11.738	-0.036	11.765	0.104	11.785	0.032	11.809	-0.116	16.508	-0.055	16.524	-0.060	16.538	-0.100	16.552	-0.120
11.834	-0.124	11.860	-0.120	11.882	-0.068	11.911	-0.020	16.571	-C.140	16.587	-C.128	16.608	-0.101	16.626	-0.037
11.932	-0.076	11.956	-0.120	11.988	-0.180	12.010	-0.128	16.640	C.011	16.655	C.075	16.673	C.099	16.694	C.123
12.035	-0.056	12.059	-0.004	12.087	0.080	12.109	0.140	16.712	C.066	16.734	C.050	16.746	-0.002	16.770	-0.042
12.134	0.168	12.166	0.160	12.182	0.156	12.207	C.256	16.764	-C.066	16.801	-0.090	16.816	-0.115	16.832	-0.135
12.233	0.316	12.254	0.249	12.279	0.021	12.299	-0.151	16.850	-0.139	16.866	-0.104	16.878	-0.080	16.892	-0.068
12.342	-0.300	12.353	-0.168	12.374	-0.145	12.399	-0.117	16.909	-0.076	16.928	-0.109	16.948	-0.117	16.968	-0.126
12.428	-0.037	12.463	-0.130	12.498	-0.079	12.522	-0.167	16.979	-C.114	17.000	-0.054	17.014	-0.115	17.029	-0.139
12.544	-0.247	12.570	-0.136	12.591	0.080	12.613	0.167	17.042	-C.143	17.057	-0.139	17.074	-0.128	17.091	-0.108
12.650	0.099	12.675	-0.022	12.703	-0.058	12.728	0.045	17.108	-0.096	17.131	-0.037	17.148	-0.121	17.166	-0.109
12.749	0.145	12.763	0.160	12.789	0.096	12.813	-0.008	17.163	-C.063	17.186	-C.030	17.209	C.053	17.222	C.062
12.838	-0.056	12.864	0.024	12.892	-0.004	12.928	0.020	17.238	C.086	17.262	C.069	17.281	C.053	17.298	C.009
12.957	-0.059	12.991	-0.171	13.015	-0.067	13.043	0.005	17.316	-0.023	17.340	-0.031	17.350	-0.001	17.366	0.101
13.066	-0.083	13.091	-0.130	13.117	-0.026	13.137	0.182	17.380	0.193	17.395	0.241	17.414	C.209	17.429	0.153
13.150	0.266	13.178	0.235	13.204	0.183	13.227	0.212	17.445	0.101	17.462	0.073	17.478	0.101	17.494	C.150
13.259	0.224	13.286	0.193	13.310	0.125	13.333	0.213	17.509	C.166	17.525	C.130	17.542	0.090	17.559	0.046
13.344	0.333	13.379	0.265	13.399	0.150	13.425	0.038	17.573	0.054	17.593	-0.062	17.615	C.061	17.633	0.025
13.444	0.022	13.467	-0.006	13.488	-0.078	13.514	-0.165	17.650	-0.015	17.663	-0.031	17.678	-0.019	17.699	0.005
13.537	-0.109	13.557	0.011	13.581	0.122	13.602	0.090	17.717	C.033	17.737	C.045	17.753	C.029	17.773	-0.011
13.626	0.074	13.642	0.097	13.663	0.141	13.688	0.129	17.790	-0.039	17.804	-0.047	17.819	-0.008	17.835	C.004
13.702	0.040	13.720	-0.080	13.746	-0.148	13.763	-0.109	17.858	-0.036	17.880	-0.077	17.906	-0.057	17.921	-0.058
13.871	0.292	13.892	0.219	13.909	0.187	13.929	0.154	17.944	-C.026	17.964	-C.003	17.982	-C.019	18.007	-0.039
13.953	0.225	13.976	0.252	13.990	0.176	14.003	0.052	18.027	-0.024	18.051	-0.012	18.073	C.004	18.090	C.047
14.020	-0.065	14.038	-0.098	14.054	-0.018	14.068	0.058	18.108	C.099	18.131	C.167	18.144	C.147	18.161	C.146
14.089	0.117	14.113	0.061	14.132	-0.071	14.148	-0.199	18.186	0.138	18.211	C.138	18.231	C.170	18.247	0.133
14.170	-0.307	14.178	-0.311	14.194	-0.219	14.215	-0.008	18.265	0.073	18.281	C.013	18.297	-0.027	18.316	-0.019
14.230	0.200	14.249	0.324	14.272	0.340	14.286	0.268	18.337	-0.007	18.355	-0.015	18.375	-0.039	18.402	-0.063
14.306	0.148	14.328	0.168	14.347	0.241	14.368	0.285	18.418	-0.019	18.437	C.005	18.454	-C.031	18.471	-C.071
14.365	0.221	14.396	0.158	14.415	0.098	14.436	0.090	18.490	-0.079	18.506	-0.055	18.526	-0.011	18.543	-0.019
14.451	0.075	14.468	0.011	14.486	-0.045	14.507	-0.104	18.561	-0.011	18.575	C.033	18.595	C.052	18.617	0.088
14.522	-0.112	14.542	-0.023	14.565	0.045	14.586	0.097	18.642	0.083	18.657	0.059	18.667	C.163	18.683	C.239
14.608	0.121	14.631	0.149	14.649	0.105	14.673	0.081	18.703	0.318	18.721	0.302	18.747	C.221	18.757	C.149
14.693	0.101	14.714	0.157	14.736	0.190	14.757	0.158	18.776	C.089	18.795	C.068	18.813	C.052	18.833	0.132
14.781	0.090	14.802	0.042	14.830	0.034	14.856	0.017	18.853	C.180	18.873	C.215	18.895	0.271	18.918	0.251
14.878	C.025	14.901	0.033	14.929	-0.023	14.950	-0.075	18.943	C.238	18.957	C.178	18.972	C.102	18.989	0.038
14.970	-0.124	14.996	-0.152	15.011	-0.128	15.031	-0.080	19.015	C.006	19.024	C.034	19.042	C.069	19.067	C.061
15.055	-0.056	15.077	-0.064	15.116	-0.064	15.139	-0.152	19.080	-0.037	19.104	-0.045	19.123	-0.062	19.142	0.002
15.158	-0.120	15.191	-0.088	15.218	-0.104	15.245	-0.032	19.159	-C.045	19.164	-C.061	19.205	-C.008	19.221	0.044
15.264	-0.004	15.282	-0.028	15.301	-0.048	15.322	-0.088	19.246	0.048	19.272	0.069	19.291	C.049	19.313	C.037
15.340	-0.091	15.357	-0.039	15.369	0.037	15.384	0.118	19.342	C.030	19.364	C.014	19.393	C.022	19.414	-0.018
15.397	0.102	15.420	0.079	15.434	0.091	15.456	C.107	19.432	-0.046	19.456	-C.074	19.480	-0.054	19.505	-0.034
15.469	0.084	15.488	0.068	15.508	0.113	15.524	0.157	19.527	-0.022	19.553	-0.006	19.579	C.019	19.611	C.042
15.543	0.165	15.566	0.142	15.585	0.174	15.603	0.167	19.632	-0.014	19.654	-0.055	19.675	-0.075	19.694	-0.055
15.618	0.099	15.634	0.040	15.650	-0.032	15.664	-C.079	19.716	-C.016	19.746	0.012	19.759	-C.052	19.779	-C.121
15.683	-0.099	15.705	-0.094	15.725	-0.054	15.748	-0.013	19.766	-0.177	19.817	-0.213	19.841	-0.201	19.865	-0.205
15.768	0.024	15.792	0.048	15.812	0.025	15.832	-0.035	19.889	-0.153	19.920	-0.185	19.935	-0.213	19.956	-0.221
15.853	-0.067	15.869	-0.015	15.885	-0.053	15.900	C.089	19.973	-0.181	19.991	-0.138	20.007	-C.090	20.024	-0.042
15.919	0.033	15.932	-0.039	15.948	-0.127	15.965	-0.155	20.042	-C.006	20.059	-0.006	20.076	-0.034	20.092	-0.078
15.987	-0.171	16.003	-0.179	16.024	-0.183	16.044	-C.139	20.112	-C.102	20.122	-0.042	20.151	-C.010	20.181	-0.075
16.062	-0.119	16.079	-0.108	16.101	-0.112	16.119	-0.144	20.157	-0.039	20.164	-0.007	20.253	C.007	20.268	-0.032
16.146	-0.176	16.165	-0.141	16.182	-0.017	16.197	0.054	20.303	-C.052	20.326	-C.032	20.353	C.041	20.370	-C.003
16.219	0.110	16.235	0.090	16.246	0.033	16.270	C.009	20.385	-0.014	20.416	-C.050	20.427	-C.037	20.447	-C.033
16.293	0.052	16.310	0.144	16.329	0.184	16.343	0.127	20.465	-0.065	20.481	-0.113	20.506	-0.089	20.529	-0.053
16.359	0.039	16.375	-0.025	16.397	-0.081	16.418	-0.074	20.552	-C.041	20.574	-C.015	20.595	C.027	20.629	0.045
								20.652	0.019	20.673	C.042	20.685	C.061	20.696	C.064



20.709	0.051	20.719	0.051	20.726	0.046	20.733	0.058	23.783	-0.008	23.791	-0.024	23.802	-0.044	23.822	-0.036
20.740	0.058	20.747	0.073	20.754	0.089	20.759	0.101	23.843	-0.020	23.863	-0.005	23.879	-0.005	23.894	-0.001
20.764	0.113	20.768	0.129	20.774	0.133	20.781	0.137	23.914	0.019	23.931	0.059	23.947	0.063	23.967	0.055
20.787	0.128	20.794	0.116	20.804	0.080	20.815	0.056	23.985	0.103	24.002	0.110	24.020	0.122	24.040	0.134
20.824	0.036	20.830	0.028	20.838	0.024	20.841	0.048	24.060	0.130	24.078	0.130	24.095	0.146	24.116	0.154
20.858	0.072	20.867	0.095	20.874	0.111	20.884	0.115	24.135	0.142	24.151	0.125	24.166	0.109	24.177	0.057
20.900	0.095	20.915	0.067	20.927	0.035	20.940	0.018	24.180	0.057	24.195	0.035	24.217	0.089	24.240	0.056
20.953	-0.010	20.965	-0.030	20.973	-0.038	20.984	-0.038	24.256	0.112	24.273	0.128	24.286	0.140	24.301	0.148
20.998	-0.026	21.009	-0.010	21.019	-0.002	21.031	-0.002	24.317	0.128	24.332	0.160	24.343	0.055	24.353	0.023
21.046	-0.027	21.063	-0.035	21.074	-0.035	21.085	-0.047	24.367	0.007	24.380	-0.005	24.402	0.007	24.420	0.015
21.094	-0.051	21.103	-0.055	21.115	-0.047	21.127	-0.035	24.441	0.027	24.461	0.047	24.474	0.051	24.484	0.071
21.138	-0.019	21.151	-0.011	21.162	-0.016	21.176	-0.024	24.459	0.083	24.513	0.054	24.524	0.118	24.536	0.146
21.166	-0.020	21.159	-0.008	21.210	0.004	21.220	0.032	24.547	0.158	24.560	0.174	24.578	0.150	24.595	0.088
21.231	0.048	21.245	0.060	21.260	0.068	21.274	0.068	24.609	0.070	24.623	0.046	24.636	0.025	24.652	0.021
21.288	0.067	21.306	0.047	21.317	0.023	21.324	0.017	24.667	0.021	24.686	0.021	24.695	0.025	24.711	0.036
21.336	-0.009	21.348	-0.017	21.364	0.003	21.377	0.035	24.719	0.032	24.734	0.036	24.748	0.040	24.761	0.044
21.392	0.067	21.403	0.098	21.413	0.114	21.427	0.122	24.781	0.028	24.793	-0.001	24.805	0.007	24.818	-0.001
21.444	0.122	21.459	0.130	21.475	0.142	21.489	0.150	24.833	-0.001	24.841	-0.005	24.848	-0.017	24.861	-0.009
21.502	0.154	21.514	0.177	21.523	0.209	21.535	0.225	24.877	-0.009	24.885	-0.001	24.905	0.003	24.921	0.007
21.545	0.225	21.558	0.205	21.568	0.185	21.580	0.173	24.935	0.011	24.950	-0.005	24.967	0.022	24.985	0.042
21.594	0.165	21.609	0.144	21.623	0.120	21.638	0.076	24.956	-0.066	25.007	-0.050	25.024	-0.050	25.038	-0.102
21.644	0.052	21.653	0.040	21.670	0.052	21.688	0.092	25.056	-0.134	25.068	-0.162	25.079	-0.178	25.090	-0.182
21.701	0.104	21.713	0.103	21.727	0.087	21.738	0.059	25.106	-0.190	25.120	-0.151	25.132	-0.119	25.146	-0.103
21.748	0.027	21.758	-0.005	21.769	-0.017	21.776	-0.025	25.156	-0.095	25.174	-0.107	25.186	-0.119	25.198	-0.139
21.794	-0.005	21.806	0.015	21.820	0.031	21.837	0.051	25.212	-0.152	25.232	-0.140	25.248	-0.108	25.259	-0.092
21.853	0.063	21.868	0.083	21.881	0.102	21.895	0.078	25.276	-0.084	25.302	-0.089	25.318	-0.089	25.336	-0.073
21.910	0.046	21.926	0.018	21.939	0.002	21.954	-0.002	25.352	-0.053	25.365	-0.038	25.373	-0.046	25.392	-0.074
21.973	0.006	21.986	0.006	22.002	-0.018	22.017	-0.046	25.405	-0.106	25.414	-0.142	25.427	-0.171	25.445	-0.167
22.028	-0.058	22.037	-0.067	22.058	-0.051	22.070	-0.031	25.465	-0.147	25.478	-0.140	25.493	-0.148	25.507	-0.164
22.084	-0.019	22.092	-0.027	22.117	-0.040	22.119	-0.052	25.522	-0.181	25.535	-0.165	25.546	-0.177	25.561	-0.157
22.135	-0.048	22.157	-0.040	22.177	-0.037	22.198	-0.045	25.572	-0.138	25.587	-0.126	25.604	-0.130	25.625	-0.127
22.219	-0.061	22.231	-0.086	22.241	-0.102	22.255	-0.118	25.643	-0.123	25.661	-0.115	25.676	-0.087	25.691	-0.092
22.270	-0.106	22.287	-0.070	22.302	-0.027	22.315	-0.011	25.705	-0.024	25.716	-0.000	25.728	-0.004	25.743	-0.000
22.331	-0.027	22.344	-0.043	22.355	-0.047	22.376	-0.032	25.760	-0.000	25.776	0.015	25.790	0.035	25.804	0.047
22.387	-0.016	22.400	-0.016	22.414	-0.016	22.428	-0.024	25.818	0.063	25.836	0.063	25.854	0.051	25.870	0.035
22.441	-0.024	22.461	-0.016	22.480	-0.000	22.495	0.019	25.886	0.027	25.900	-0.015	25.920	-0.011	25.936	-0.013
22.564	0.011	22.589	0.039	22.607	0.031	22.629	0.039	25.949	-0.041	25.960	-0.061	25.973	-0.081	25.987	-0.085
22.649	0.011	22.668	-0.013	22.690	-0.041	22.706	-0.061	26.004	-0.081	26.020	-0.069	26.039	-0.065	26.053	-0.057
22.726	-0.073	22.741	-0.069	22.757	-0.073	22.772	-0.113	26.068	-0.029	26.084	-0.001	26.096	0.031	26.107	0.051
22.784	-0.157	22.794	-0.193	22.808	-0.205	22.825	-0.173	26.121	0.071	26.138	0.015	26.155	0.079	26.173	0.067
22.839	-0.129	22.854	-0.081	22.866	-0.045	22.877	-0.017	26.194	0.063	26.209	0.051	26.227	0.035	26.245	0.015
22.893	-0.025	22.912	-0.061	22.928	-0.109	22.939	-0.137	26.259	0.011	26.272	0.003	26.283	-0.009	26.295	-0.013
22.956	-0.145	22.981	-0.129	22.999	-0.101	23.019	-0.061	26.318	-0.005	26.336	0.011	26.355	0.031	26.368	0.047
23.034	-0.029	23.054	-0.005	23.069	-0.009	23.086	-0.013	26.381	0.059	26.400	0.051	26.414	0.039	26.420	0.039
23.104	-0.009	23.119	-0.033	23.134	-0.053	23.147	-0.065	26.434	0.035	26.448	0.039	26.462	0.039	26.480	0.035
23.171	-0.049	23.179	-0.021	23.189	-0.009	23.201	0.011	26.500	0.019	26.521	-0.003	26.538	-0.013	26.555	-0.017
23.214	0.019	23.229	0.027	23.242	0.027	23.257	0.019	26.573	-0.025	26.589	-0.025	26.602	-0.021	26.621	-0.005
23.273	0.003	23.286	-0.024	23.304	-0.052	23.318	-0.080	26.637	0.035	26.653	0.071	26.667	0.103	26.681	0.111
23.333	-0.104	23.347	-0.120	23.361	-0.127	23.374	-0.131	26.703	0.095	26.716	0.075	26.728	0.051	26.750	0.059
23.386	-0.135	23.404	-0.107	23.417	-0.086	23.429	-0.014	26.770	0.071	26.785	0.079	26.811	0.087	26.829	0.091
23.440	0.010	23.454	0.027	23.467	-0.001	23.480	-0.025	26.849	0.091	26.867	0.067	26.884	0.079	26.902	0.067
23.490	-0.032	23.500	-0.040	23.516	-0.020	23.531	0.009	26.919	0.067	26.938	0.055	26.956	0.119	26.973	0.147
23.551	0.033	23.570	0.061	23.583	0.085	23.597	0.097	26.987	0.163	27.000	0.187	27.014	0.199	27.027	0.199
23.611	0.101	23.634	0.089	23.660	0.090	23.683	0.086	27.037	0.183	27.052	0.175	27.071	0.171	27.091	0.175
23.706	0.069	23.727	0.045	23.749	0.033	23.767	0.017	27.118	0.159	27.136	0.115	27.154	0.099	27.173	0.079
								27.186	0.063	27.201	0.051	27.215	0.055	27.237	0.063

27.254	0.031	27.266	0.015	27.285	0.003	27.297	-0.001	30.888	-0.039	30.903	-0.055	30.932	-0.047	30.954	-0.027
27.313	0.003	27.332	0.011	27.342	-0.013	27.357	-0.013	30.976	-0.007	31.005	-0.003	31.024	-0.013	31.050	-0.003
27.313	-0.013	27.386	-0.041	27.405	-0.041	27.425	-0.041	31.072	-0.047	31.067	-0.015	31.105	-0.091	31.126	-0.091
27.441	-0.065	27.457	-0.097	27.469	-0.113	27.484	-0.121	31.151	-0.107	31.165	-0.123	31.185	-0.083	31.202	-0.034
27.504	-0.113	27.528	-0.105	27.553	-0.105	27.570	-0.109	31.219	-0.101	31.243	-0.101	31.261	-0.026	31.287	-0.054
27.566	-0.117	27.610	-0.081	27.626	-0.054	27.645	-0.030	31.302	-0.074	31.316	-0.116	31.332	-0.118	31.351	-0.118
27.667	-0.030	27.689	-0.034	27.710	-0.042	27.730	-0.078	31.376	-0.103	31.395	-0.035	31.405	-0.027	31.418	-0.003
27.744	-0.118	27.758	-0.150	27.776	-0.167	27.784	-0.167	31.433	0.005	31.449	0.017	31.462	0.017	31.473	0.017
27.799	-0.151	27.812	-0.123	27.820	-0.055	27.832	-0.083	31.482	0.025	31.484	0.025	31.488	0.025	31.490	0.025
27.848	-0.083	27.859	-0.108	27.874	-0.116	27.886	-0.116	31.491	0.021	31.505	0.025	31.527	0.004	31.546	-0.016
27.903	-0.092	27.916	-0.068	27.929	-0.056	27.944	-0.076	31.565	-0.013	31.583	0.023	31.608	0.043	31.619	0.051
27.955	-0.100	27.967	-0.117	27.982	-0.125	27.995	-0.125	31.635	0.027	31.653	-0.021	31.663	-0.041	31.675	-0.049
28.011	-0.097	28.021	-0.065	28.033	-0.021	28.042	0.011	31.693	-0.025	31.706	-0.009	31.726	0.011	31.740	0.007
28.052	0.027	28.067	0.039	28.084	0.027	28.101	-0.009	31.758	-0.009	31.776	-0.017	31.792	-0.025	31.810	-0.037
28.116	-0.021	28.131	-0.029	28.145	-0.009	28.163	0.007	31.827	-0.049	31.844	-0.033	31.869	-0.033	31.885	-0.034
28.180	0.011	28.198	-0.009	28.212	-0.021	28.226	-0.021	31.906	-0.034	31.925	-0.034	31.945	-0.022	31.969	-0.010
28.245	-0.013	28.260	0.003	28.280	0.011	28.304	0.011	31.990	-0.011	32.007	-0.007	32.023	0.005	32.035	0.004
28.318	-0.005	28.330	-0.021	28.344	-0.031	28.353	-0.045	32.054	0.012	32.068	0.012	32.083	-0.016	32.099	-0.025
28.367	-0.041	28.379	-0.033	28.397	-0.041	28.414	-0.041	32.108	-0.029	32.121	-0.013	32.136	0.019	32.157	0.066
28.433	-0.041	28.448	-0.041	28.471	-0.021	28.485	-0.014	32.173	0.070	32.194	0.038	32.205	-0.002	32.218	-0.015
28.500	-0.006	28.517	-0.014	28.536	-0.038	28.552	-0.070	32.234	-0.011	32.256	0.013	32.269	0.017	32.290	-0.012
28.566	-0.094	28.579	-0.098	28.602	-0.082	28.618	-0.070	32.304	-0.032	32.313	-0.036	32.324	-0.024	32.348	0.004
28.636	-0.059	28.651	-0.035	28.665	-0.011	28.678	0.001	32.362	0.012	32.369	0.015	32.382	0.003	32.404	-0.025
28.692	0.001	28.709	-0.004	28.726	-0.008	28.743	-0.008	32.424	-0.037	32.440	-0.017	32.461	0.003	32.475	-0.009
28.758	0.004	28.773	0.008	28.790	-0.008	28.812	-0.025	32.491	-0.061	32.506	-0.053	32.526	-0.109	32.544	-0.110
28.834	-0.017	28.851	-0.013	28.871	-0.005	28.888	-0.005	32.566	-0.078	32.587	-0.030	32.605	0.006	32.626	0.010
28.909	0.015	28.928	0.071	28.943	0.095	28.958	0.107	32.651	-0.010	32.667	0.015	32.681	0.017	32.700	0.076
28.981	0.091	28.996	0.055	29.007	0.031	29.016	0.015	32.743	0.100	32.767	0.084	32.801	0.031	32.836	-0.005
29.034	0.027	29.054	0.035	29.078	0.047	29.100	0.067	32.860	-0.018	32.907	-0.026	32.926	-0.010	32.953	0.002
29.118	0.075	29.136	0.087	29.158	0.071	29.178	0.031	32.981	0.021	32.996	0.025	33.011	0.005	33.025	-0.011
29.194	0.007	29.206	-0.017	29.215	-0.021	29.234	0.011	33.033	-0.023	33.076	-0.019	33.094	-0.019	33.120	-0.015
29.249	0.047	29.262	0.059	29.278	0.067	29.294	0.055	33.143	-0.018	33.161	-0.006	33.180	-0.014	33.206	-0.026
29.314	0.075	29.333	0.091	29.353	0.103	29.372	0.099	33.243	-0.030	33.255	-0.018	33.277	-0.022	33.292	-0.054
29.388	0.083	29.406	0.075	29.424	0.099	29.439	0.143	33.312	-0.082	33.325	-0.086	33.346	-0.074	33.368	-0.043
29.451	0.159	29.476	0.179	29.488	0.159	29.506	0.159	33.368	-0.019	33.411	-0.003	33.426	0.001	33.443	-0.016
29.518	0.119	29.531	0.071	29.542	0.027	29.550	0.007	33.473	-0.048	33.495	-0.068	33.514	-0.076	33.533	-0.037
29.568	0.007	29.590	-0.002	29.610	-0.038	29.622	-0.058	33.553	0.003	33.574	0.027	33.591	-0.023	33.612	-0.001
29.658	0.070	29.711	-0.070	29.724	0.034	29.740	-0.003	33.638	-0.005	33.661	0.003	33.681	0.023	33.706	0.019
29.757	-0.023	29.771	-0.023	29.792	0.001	29.812	0.041	33.725	0.027	33.756	-0.013	33.769	0.055	33.785	0.059
29.821	0.072	29.836	0.092	29.854	0.002	29.869	0.004	33.866	-0.057	33.909	-0.049	33.927	-0.041	33.951	-0.053
29.867	-0.040	29.905	-0.056	29.922	-0.065	29.940	-0.069	33.975	-0.065	34.008	-0.089	34.029	-0.043	34.040	-0.089
29.955	-0.073	29.966	-0.057	29.983	-0.037	29.996	-0.017	34.058	-0.065	34.081	-0.037	34.093	-0.013	34.104	-0.009
30.008	-0.002	30.019	0.018	30.031	0.034	30.044	0.050	34.122	-0.029	34.144	-0.045	34.162	-0.033	34.178	-0.005
30.118	-0.015	30.136	0.033	30.146	0.033	30.159	0.073	34.203	0.027	34.227	0.051	34.253	-0.043	34.273	-0.005
30.175	0.024	30.191	0.052	30.207	0.024	30.229	0.016	34.305	-0.004	34.329	-0.016	34.345	-0.016	34.368	0.009
30.249	-0.024	30.267	-0.048	30.281	-0.064	30.294	-0.072	34.384	-0.097	34.408	-0.038	34.435	-0.021	34.452	-0.086
30.303	-0.076	30.317	-0.033	30.326	-0.013	30.338	0.011	34.474	0.021	34.491	0.073	34.516	-0.021	34.534	0.008
30.350	0.031	30.367	0.039	30.381	-0.009	30.392	-0.053	34.560	0.036	34.573	0.049	34.592	0.069	34.630	0.058
30.404	-0.077	30.426	-0.069	30.441	-0.033	30.455	-0.009	34.662	0.066	34.685	0.066	34.723	0.045	34.758	0.045
30.470	0.003	30.492	0.003	30.509	-0.017	30.537	-0.017	34.790	0.045	34.809	0.045	34.851	0.064	34.877	0.044
30.559	-0.013	30.580	-0.029	30.599	-0.045	30.620	-0.041	34.906	0.028	34.938	0.011	34.964	0.015	34.993	0.019
30.642	-0.029	30.664	-0.037	30.680	-0.062	30.691	-0.078	35.007	-0.001	35.031	-0.030	35.052	-0.058	35.071	-0.062
30.709	-0.078	30.728	-0.070	30.748	-0.082	30.779	-0.070	35.090	-0.043	35.112	-0.007	35.136	-0.007	35.160	-0.020
30.802	-0.034	30.818	-0.002	30.834	0.022	30.863	0.010	35.184	-0.064	35.212	0.003	35.254	-0.014	35.287	-0.022
								35.323	-0.002	35.349	0.018	35.369	0.010	35.393	-0.018

35.422	-0.058	35.443	-0.058	35.459	-0.034	35.482	0.010	41.149	-0.008	41.169	-0.013	41.157	-0.026	41.215	-0.010
35.503	0.010	35.515	-0.022	35.540	-0.046	35.563	-0.050	41.241	0.030	41.264	0.030	41.281	0.005	41.304	-0.011
35.590	-0.045	35.614	-0.021	35.621	-0.001	35.646	0.003	41.325	-0.011	41.348	-0.012	41.370	-0.028	41.390	-0.052
35.667	-0.013	35.695	-0.017	35.718	-0.001	35.732	0.007	41.403	-0.056	41.426	-0.040	41.443	-0.013	41.462	-0.005
35.759	-0.029	35.773	-0.037	35.799	-0.029	35.824	-0.021	41.485	-0.017	41.512	-0.041	41.544	-0.049	41.567	-0.057
35.847	-0.025	35.858	-0.021	35.878	0.007	35.892	0.011	41.605	-0.073	41.645	-0.061	41.673	-0.044	41.702	-0.028
35.907	0.023	35.946	-0.001	35.977	-0.009	36.015	-0.029	41.731	-0.012	41.757	-0.008	41.785	0.004	41.809	0.020
36.043	-0.025	36.062	-0.025	36.081	-0.041	36.113	-0.025	41.838	0.000	41.867	-0.020	41.882	-0.039	41.951	-0.051
36.140	-0.021	36.175	-0.037	36.213	-0.041	36.244	-0.057	41.950	-0.015	41.967	-0.031	41.980	-0.039	41.991	-0.051
36.271	-0.045	36.298	-0.013	36.326	-0.014	36.356	-0.010	42.007	-0.052	42.024	-0.044	42.034	-0.048	42.044	-0.036
36.379	-0.002	36.411	-0.046	36.433	-0.070	36.463	-0.058	42.037	-0.032	42.069	-0.040	42.084	-0.044	42.094	-0.049
36.489	-0.054	36.515	-0.070	36.545	-0.082	36.571	-0.071	42.112	-0.049	42.124	-0.049	42.139	-0.049	42.154	-0.057
36.610	-0.055	36.632	-0.071	36.652	-0.059	36.670	-0.035	42.168	-0.065	42.182	-0.069	42.193	-0.070	42.210	-0.070
36.685	-0.027	36.707	-0.048	36.731	-0.072	36.757	-0.060	42.225	-0.062	42.238	-0.062	42.257	-0.070	42.272	-0.078
36.781	-0.068	36.809	-0.072	36.836	-0.056	36.864	-0.045	42.286	-0.074	42.301	-0.074	42.313	-0.074	42.328	-0.082
36.891	0.003	36.920	0.023	36.946	0.007	36.962	0.003	42.341	-0.090	42.356	-0.054	42.371	-0.054	42.389	-0.082
36.954	0.019	37.024	0.039	37.051	0.051	37.073	0.027	42.403	-0.065	42.417	-0.057	42.433	-0.041	42.447	-0.041
37.102	-0.001	37.131	-0.005	37.158	0.015	37.178	0.031	42.467	-0.045	42.477	-0.052	42.495	-0.060	42.503	-0.056
37.210	0.015	37.228	0.007	37.256	0.023	37.279	-0.009	42.518	-0.040	42.533	-0.024	42.549	-0.035	42.564	-0.047
37.298	-0.041	37.322	-0.049	37.350	-0.025	37.376	0.007	42.576	-0.059	42.593	-0.055	42.607	-0.055	42.622	-0.051
37.412	0.003	37.447	-0.013	37.461	-0.021	37.491	-0.017	42.637	-0.031	42.653	-0.014	42.671	-0.006	42.686	0.006
37.527	-0.011	37.545	0.031	37.570	0.019	37.588	-0.017	42.707	0.014	42.726	0.018	42.740	0.030	42.760	0.030
37.617	-0.061	37.641	-0.065	37.658	-0.053	37.685	-0.001	42.776	0.019	42.805	0.007	42.827	0.019	42.848	0.015
37.715	0.019	37.734	0.023	37.768	-0.003	37.796	-0.017	42.871	0.023	42.892	-0.001	42.917	0.015	42.941	0.015
37.823	-0.049	37.839	-0.045	37.857	-0.033	37.880	-0.013	42.958	-0.011	42.978	-0.001	42.995	-0.005	43.019	-0.005
37.910	-0.021	37.931	-0.025	37.971	0.007	38.006	-0.023	43.040	-0.001	43.055	-0.005	43.083	-0.013	43.114	-0.041
38.038	0.015	38.058	-0.013	38.085	-0.029	38.108	-0.025	43.144	-0.077	43.167	-0.077	43.183	-0.081	43.204	-0.065
38.143	-0.021	38.162	-0.005	38.186	0.031	38.215	0.051	43.222	-0.057	43.244	-0.049	43.265	-0.049	43.284	-0.041
38.232	0.031	38.256	0.007	38.276	0.003	38.305	0.027	43.303	-0.037	43.323	-0.029	43.347	-0.041	43.361	-0.037
38.332	0.043	38.345	0.043	38.377	0.023	38.400	0.003	43.378	-0.018	43.397	-0.010	43.414	-0.006	43.434	0.006
38.423	0.019	38.441	-0.013	38.469	0.031	38.495	0.007	43.453	-0.006	43.472	-0.010	43.488	-0.006	43.504	0.002
38.524	-0.017	38.543	-0.013	38.564	0.019	38.588	0.043	43.521	0.014	43.535	0.014	43.553	0.034	43.568	0.022
38.613	0.051	38.643	0.047	38.667	0.023	38.689	-0.009	43.583	0.022	43.604	0.005	43.627	0.005	43.646	0.013
38.714	-0.017	38.737	-0.025	38.768	-0.005	38.802	0.007	43.661	-0.003	43.681	-0.019	43.700	-0.019	43.720	-0.016
38.829	-0.017	38.855	-0.033	38.885	-0.041	38.927	-0.033	43.739	-0.012	43.757	-0.016	43.778	-0.032	43.798	-0.040
38.962	-0.034	38.999	-0.014	39.031	-0.010	39.051	-0.018	43.813	-0.048	43.850	-0.040	43.850	-0.032	43.865	-0.024
39.070	-0.034	39.087	-0.030	39.104	-0.011	39.122	0.013	43.850	-0.025	43.915	-0.033	43.939	-0.029	43.959	-0.037
39.141	0.017	39.165	-0.008	39.194	-0.028	39.234	0.041	43.978	-0.033	43.997	-0.033	44.034	-0.029	44.052	-0.017
39.269	-0.058	39.304	-0.050	39.339	-0.031	39.374	-0.051	44.062	-0.029	44.103	-0.025	44.121	-0.021	44.141	-0.017
39.357	-0.056	39.427	-0.032	39.461	-0.045	39.494	-0.069	44.164	-0.029	44.185	-0.025	44.210	-0.017	44.237	-0.021
39.525	-0.093	39.556	-0.102	39.580	-0.082	39.608	-0.074	44.257	-0.037	44.280	-0.041	44.298	-0.049	44.324	-0.049
39.636	-0.063	39.664	-0.031	39.688	-0.043	39.701	-0.051	44.345	-0.029	44.368	-0.025	44.390	-0.033	44.415	-0.025
39.725	-0.080	39.744	-0.088	39.770	-0.088	39.790	-0.100	44.435	-0.025	44.458	-0.029	44.484	-0.025	44.500	-0.029
39.814	-0.117	39.836	-0.125	39.861	-0.093	39.888	-0.069	44.521	-0.041	44.538	-0.041	44.556	-0.013	44.573	-0.001
39.910	-0.066	39.928	-0.066	39.951	-0.034	39.976	-0.002	44.587	0.011	44.605	0.015	44.625	0.011	44.642	-0.001
39.997	0.005	40.010	-0.003	40.038	-0.011	40.075	-0.012	44.666	-0.020	44.689	-0.008	44.711	-0.024	44.735	-0.024
40.091	-0.000	40.126	-0.000	40.138	0.003	40.162	0.023	44.766	-0.020	44.784	-0.015	44.806	-0.015	44.831	0.001
40.187	0.035	40.201	0.027	40.225	-0.014	40.251	-0.010	44.848	0.002	44.866	0.006	44.890	0.002	44.911	-0.005
40.277	-0.034	40.301	-0.027	40.338	-0.003	40.360	-0.012	44.933	-0.008	44.955	-0.037	44.974	-0.028	44.995	-0.008
40.386	-0.012	40.410	-0.020	40.429	0.031	40.453	0.059	45.012	-0.018	45.029	-0.015	45.052	-0.015	45.072	-0.015
40.493	0.055	40.529	0.050	40.538	0.050	40.564	0.070	45.052	-0.007	45.115	0.005	45.134	-0.003	45.154	-0.006
40.596	0.081	40.631	0.061	40.661	0.045	40.696	0.036	45.183	-0.018	45.195	-0.010	45.216	0.006	45.235	-0.002
40.723	0.024	40.768	0.011	40.811	0.010	40.837	0.022	45.256	-0.002	45.276	-0.017	45.296	-0.005	45.317	0.015
40.869	0.029	40.885	0.021	40.917	0.005	40.945	0.004	45.336	0.011	45.357	0.019	45.378	0.007	45.401	-0.001
40.971	0.012	40.989	-0.005	41.010	-0.029	41.029	-0.029	45.428	0.015	45.447	-0.001	45.465	-0.021	45.488	-0.025
41.046	-0.006	41.066	0.034	41.086	0.025	41.108	0.009	45.529	-0.025	45.549	-0.033	45.565	-0.041	45.586	-0.041

45.589	-0.041	45.615	-0.017	45.635	-0.029	45.656	-0.025	50.149	-0.009	50.176	0.002	50.198	-0.002	50.225	-0.014
45.677	-0.025	45.696	-0.025	45.714	-0.013	45.732	-0.017	50.253	-0.019	50.280	-0.015	50.311	0.009	50.331	-0.007
45.753	-0.033	45.768	-0.033	45.791	-0.041	45.811	-0.037	50.352	-0.003	50.375	-0.004	50.404	-0.012	50.426	-0.008
45.823	-0.021	45.840	-0.013	45.858	-0.005	45.876	-0.001	50.450	-0.008	50.475	-0.012	50.505	-0.012	50.533	-0.008
45.893	-0.005	45.908	-0.009	45.930	-0.017	45.946	-0.013	50.557	-0.008	50.587	-0.012	50.618	0.007	50.637	0.011
45.963	-0.033	45.980	-0.037	45.999	-0.049	46.019	-0.037	50.658	-0.001	50.683	-0.007	50.717	0.003	50.726	-0.009
46.035	-0.037	46.057	-0.029	46.076	-0.041	46.095	-0.045	50.749	-0.001	50.771	0.007	50.790	0.011	50.810	0.023
46.117	-0.049	46.138	-0.054	46.156	-0.054	46.176	-0.058	50.838	0.015	50.867	0.003	50.893	-0.001	50.916	-0.007
46.191	-0.046	46.214	-0.038	46.238	-0.050	46.259	-0.050	50.945	-0.003	50.971	0.003	50.998	-0.007	51.024	-0.001
46.277	-0.078	46.301	-0.074	46.320	-0.066	46.345	-0.071	51.053	0.007	51.079	0.023	51.105	-0.001	51.131	0.027
46.365	-0.071	46.383	-0.071	46.405	-0.051	46.421	-0.055	51.162	0.035	51.179	0.003	51.203	0.015	51.231	0.027
46.436	-0.055	46.454	-0.039	46.473	-0.028	46.494	-0.024	51.251	0.015	51.282	0.035	51.314	0.003	51.334	0.023
46.513	-0.012	46.532	-0.024	46.551	-0.020	46.571	-0.020	51.357	0.019	51.375	0.005	51.398	0.007	51.423	0.015
46.594	0.016	46.615	0.052	46.626	0.011	46.647	0.019	51.450	0.019	51.475	-0.005	51.504	0.007	51.534	-0.013
46.663	-0.005	46.684	-0.013	46.710	-0.037	46.728	-0.045	51.562	-0.009	51.582	-0.025	51.612	-0.037	51.639	-0.020
46.747	-0.045	46.770	-0.041	46.789	-0.045	46.811	-0.045	51.661	-0.036	51.687	-0.039	51.730	-0.046	51.748	-0.042
46.832	-0.049	46.851	-0.045	46.871	-0.045	46.888	-0.033	51.772	-0.038	51.801	-0.017	51.823	-0.029	51.842	-0.025
46.909	-0.029	46.927	-0.029	46.945	-0.017	46.961	-0.009	51.870	-0.005	51.895	-0.017	51.927	-0.026	51.956	-0.031
46.983	0.015	46.999	-0.013	47.014	-0.021	47.031	-0.021	51.984	-0.017	52.007	0.005	52.026	-0.008	52.038	-0.021
47.055	-0.017	47.076	-0.021	47.094	-0.021	47.118	0.003	52.055	-0.026	52.083	-0.038	52.102	-0.067	52.110	-0.060
47.137	-0.009	47.155	-0.005	47.178	0.023	47.194	-0.005	52.061	-0.055	52.091	-0.063	52.102	-0.067	52.110	-0.060
47.212	-0.013	47.232	-0.013	47.256	-0.005	47.278	-0.013	52.123	-0.048	52.151	-0.036	52.144	-0.029	52.152	-0.025
47.256	-0.013	47.315	0.003	47.332	-0.009	47.353	0.002	52.160	-0.055	52.171	-0.026	52.184	-0.042	52.195	-0.051
47.372	-0.002	47.390	0.006	47.407	-0.006	47.427	0.002	52.205	-0.055	52.215	-0.051	52.230	-0.055	52.245	-0.047
47.443	0.002	47.463	0.017	47.483	0.009	47.502	0.005	52.257	-0.047	52.270	-0.039	52.286	-0.038	52.296	-0.030
47.521	-0.007	47.540	-0.011	47.560	-0.019	47.581	-0.024	52.304	-0.022	52.315	-0.018	52.327	-0.014	52.341	-0.018
47.608	-0.020	47.631	-0.012	47.651	-0.017	47.675	-0.009	52.359	-0.030	52.370	-0.038	52.377	-0.045	52.383	-0.057
47.699	0.010	47.718	-0.014	47.735	-0.010	47.755	-0.034	52.393	-0.061	52.404	-0.061	52.413	-0.053	52.427	-0.045
47.772	-0.015	47.789	-0.007	47.808	-0.003	47.837	0.016	52.440	-0.032	52.448	-0.028	52.462	-0.024	52.474	-0.027
47.851	0.020	47.877	0.032	47.890	0.003	47.918	0.003	52.463	-0.039	52.490	-0.059	52.502	-0.067	52.511	-0.071
47.936	-0.021	47.960	0.026	47.975	-0.006	47.995	-0.014	52.519	-0.070	52.532	-0.058	52.545	-0.046	52.555	-0.046
48.017	-0.023	48.044	-0.039	48.067	-0.043	48.092	-0.036	52.567	-0.049	52.583	-0.053	52.592	-0.053	52.607	-0.045
48.109	-0.056	48.128	-0.060	48.147	-0.057	48.167	-0.041	52.621	-0.037	52.635	-0.028	52.653	-0.016	52.663	-0.012
48.188	-0.029	48.206	-0.014	48.229	-0.022	48.251	0.026	52.679	-0.008	52.688	-0.004	52.697	-0.004	52.708	0.008
48.215	0.041	48.293	0.017	48.317	0.033	48.340	0.069	52.719	-0.003	52.729	-0.015	52.739	-0.027	52.750	-0.035
48.354	0.032	48.375	0.028	48.400	0.044	48.421	0.036	52.758	-0.039	52.771	-0.023	52.789	-0.019	52.798	-0.011
48.443	0.052	48.462	0.016	48.481	0.007	48.503	0.003	52.813	-0.011	52.828	-0.003	52.841	-0.011	52.855	-0.023
48.524	0.007	48.549	0.031	48.567	0.015	48.595	0.019	52.862	-0.035	52.874	-0.035	52.883	-0.027	52.897	-0.015
48.614	-0.001	48.635	-0.022	48.661	-0.022	48.678	-0.014	52.911	-0.015	52.926	-0.007	52.942	-0.007	52.955	-0.005
48.698	-0.002	48.721	-0.002	48.739	-0.010	48.759	-0.010	52.969	-0.006	52.982	-0.018	52.992	-0.026	53.002	-0.026
48.778	-0.022	48.796	-0.038	48.818	-0.054	48.845	-0.063	53.012	-0.030	53.023	-0.022	53.038	-0.017	53.053	-0.017
48.874	-0.011	48.895	-0.055	48.909	-0.039	48.929	-0.031	53.064	-0.009	53.080	-0.005	53.095	0.003	53.112	0.008
49.049	-0.060	49.074	-0.056	49.096	-0.068	49.108	-0.068	53.125	0.008	53.144	0.012	53.158	0.004	53.175	-0.004
49.126	-0.045	49.145	-0.053	49.166	-0.065	49.189	-0.049	53.194	-0.016	53.212	-0.020	53.228	-0.020	53.251	-0.027
49.216	-0.057	49.232	-0.049	49.253	-0.045	49.277	-0.061	53.267	-0.027	53.280	-0.039	53.295	-0.027	53.310	-0.024
49.303	-0.049	49.323	-0.053	49.340	-0.037	49.361	-0.025	53.321	-0.024	53.329	-0.012	53.341	-0.020	53.352	-0.032
49.379	-0.009	49.393	-0.029	49.419	-0.041	49.440	-0.057	53.361	-0.044	53.371	-0.052	53.379	-0.057	53.390	-0.061
49.462	-0.065	49.486	-0.049	49.507	-0.033	49.528	-0.025	53.402	-0.053	53.417	-0.037	53.425	-0.025	53.437	-0.022
49.556	-0.001	49.579	-0.009	49.608	-0.010	49.632	-0.002	53.451	-0.014	53.465	-0.022	53.486	-0.031	53.502	-0.035
49.653	-0.019	49.680	-0.011	49.705	-0.016	49.722	-0.028	53.510	-0.043	53.524	-0.044	53.541	-0.048	53.550	-0.052
49.746	-0.012	49.764	-0.021	49.789	-0.029	49.816	-0.006	53.563	-0.060	53.576	-0.064	53.589	-0.064	53.600	-0.065
49.825	-0.034	49.846	-0.010	49.867	-0.031	49.892	-0.004	53.614	-0.057	53.626	-0.045	53.640	-0.021	53.654	-0.009
49.904	-0.024	49.924	-0.033	49.948	-0.033	49.962	-0.022	53.672	-0.005	53.686	-0.005	53.698	-0.017	53.710	-0.029
49.979	-0.010	50.004	0.001	50.021	0.000	50.042	-0.012	53.719	-0.046	53.730	-0.058	53.742	-0.062	53.754	-0.050
50.062	-0.016	50.089	-0.009	50.107	-0.003	50.133	-0.017	53.768	-0.042	53.783	-0.026	53.792	-0.014	53.806	-0.006
								53.824	-0.002	53.838	0.001	53.858	-0.003	53.864	0.001

53.874	0.013	53.891	-0.007	53.909	-0.011	53.925	-0.019	57.367	-0.009	57.381	-0.005	57.393	-0.017	57.409	-0.025
53.941	-0.027	53.956	-0.015	53.965	-0.007	53.978	0.005	57.432	-0.022	57.449	-0.022	57.461	-0.026	57.480	-0.031
53.993	0.017	54.009	0.025	54.023	0.025	54.035	0.013	57.496	-0.019	57.513	-0.011	57.523	-0.015	57.536	-0.023
54.048	0.005	54.062	0.013	54.073	0.021	54.084	0.021	57.559	-0.031	57.573	-0.039	57.596	-0.047	57.610	-0.055
54.093	0.009	54.108	0.005	54.120	-0.003	54.131	-0.007	57.625	-0.063	57.638	-0.063	57.653	-0.051	57.668	-0.047
54.148	0.001	54.161	0.009	54.178	0.009	54.199	0.009	57.680	-0.035	57.696	-0.027	57.715	-0.039	57.734	-0.047
54.210	0.013	54.223	0.013	54.239	0.005	54.246	0.001	57.755	-0.039	57.776	-0.028	57.796	-0.016	57.813	-0.008
54.253	-0.003	54.270	0.009	54.286	0.009	54.301	0.013	57.824	-0.000	57.839	-0.000	57.852	-0.012	57.869	-0.013
54.314	0.001	54.331	0.001	54.340	-0.007	54.350	-0.015	57.889	-0.001	57.909	0.003	57.924	-0.010	57.938	-0.022
54.366	-0.015	54.379	-0.003	54.395	0.012	54.412	0.020	57.953	-0.026	57.964	-0.034	57.980	-0.015	57.995	-0.027
54.419	0.028	54.430	0.028	54.447	0.012	54.459	0.004	58.014	-0.003	58.026	-0.003	58.046	-0.011	58.055	-0.027
54.474	0.008	54.482	0.016	54.496	0.024	54.510	0.015	58.077	-0.031	58.101	-0.028	58.120	-0.024	58.136	-0.028
54.521	-0.001	54.533	-0.005	54.546	-0.009	54.562	-0.002	58.152	-0.020	58.168	-0.012	58.189	-0.012	58.201	-0.016
54.579	0.006	54.590	0.014	54.598	0.009	54.607	-0.003	58.218	-0.024	58.243	-0.028	58.261	-0.040	58.277	-0.028
54.625	-0.011	54.642	-0.024	54.659	-0.024	54.679	-0.029	58.296	-0.040	58.312	-0.044	58.331	-0.048	58.349	-0.052
54.695	-0.041	54.713	-0.042	54.728	-0.038	54.741	-0.023	58.363	-0.039	58.379	-0.031	58.398	-0.027	58.419	-0.028
54.755	-0.011	54.772	-0.001	54.791	-0.004	54.803	-0.012	58.434	-0.036	58.444	-0.044	58.460	-0.044	58.474	-0.052
54.821	-0.012	54.838	-0.008	54.856	-0.009	54.875	-0.009	58.491	-0.045	58.506	-0.029	58.522	-0.021	58.534	-0.017
54.888	-0.009	54.905	-0.009	54.920	-0.009	54.933	-0.021	58.549	-0.029	58.569	-0.030	58.586	-0.034	58.595	-0.030
54.944	-0.029	54.964	-0.037	54.982	-0.037	54.995	-0.032	58.610	-0.026	58.621	-0.018	58.631	-0.026	58.643	-0.035
55.010	-0.024	55.025	-0.016	55.039	-0.024	55.057	-0.032	58.663	-0.043	58.683	-0.039	58.706	-0.023		
55.073	-0.031	55.085	-0.031	55.097	-0.023	55.108	-0.035								
55.123	-0.038	55.137	-0.038	55.153	-0.038	55.171	-0.033								
55.184	-0.025	55.199	-0.013	55.211	-0.005	55.229	-0.000								
55.247	-0.012	55.272	-0.016	55.286	-0.028	55.296	-0.036								
55.306	-0.019	55.314	-0.011	55.322	-0.007	55.343	-0.007								
55.362	-0.008	55.371	-0.016	55.383	-0.028	55.395	-0.036								
55.410	-0.044	55.426	-0.049	55.439	-0.041	55.452	-0.033								
55.466	-0.025	55.480	-0.033	55.493	-0.045	55.507	-0.045								
55.522	-0.034	55.539	-0.042	55.558	-0.042	55.575	-0.046								
55.566	-0.038	55.605	-0.034	55.627	-0.030	55.647	-0.026								
55.665	-0.033	55.687	-0.037	55.709	-0.037	55.729	-0.036								
55.742	-0.032	55.752	-0.028	55.765	-0.016	55.781	-0.012								
55.798	-0.020	55.814	-0.020	55.834	-0.012	55.849	-0.008								
55.869	-0.008	55.889	-0.004	55.907	0.004	55.918	0.012								
55.936	0.016	55.957	0.016	55.972	0.004	55.993	-0.004								
56.010	-0.008	56.030	-0.008	56.048	-0.008	56.055	0.001								
56.070	0.005	56.095	0.013	56.115	0.006	56.131	-0.006								
56.147	-0.014	56.159	-0.014	56.172	-0.002	56.189	0.010								
56.215	0.014	56.227	0.006	56.242	0.018	56.257	0.026								
56.269	0.034	56.287	0.030	56.304	0.017	56.316	0.009								
56.333	0.005	56.348	0.005	56.361	0.017	56.373	0.029								
56.389	0.029	56.413	0.021	56.428	0.013	56.441	0.005								
56.455	-0.003	56.470	0.005	56.485	0.009	56.504	0.001								
56.520	-0.003	56.543	-0.007	56.563	-0.007	56.583	0.000								
56.601	0.008	56.612	0.008	56.633	0.004	56.651	-0.008								
56.665	-0.008	56.689	-0.000	56.705	0.012	56.727	0.024								
56.745	0.012	56.762	0.004	56.787	-0.000	56.813	0.000								
56.824	0.004	56.840	0.008	56.871	0.001	56.884	-0.019								
56.907	-0.027	56.939	-0.028	56.953	-0.032	56.973	-0.024								
56.986	-0.016	57.004	-0.024	57.025	-0.020	57.039	-0.016								
57.047	-0.016	57.062	-0.008	57.078	-0.008	57.093	-0.016								
57.109	-0.024	57.128	-0.016	57.139	0.004	57.160	-0.000								
57.175	-0.008	57.189	-0.012	57.199	-0.016	57.214	-0.008								
57.227	0.000	57.244	0.005	57.265	-0.003	57.279	-0.015								
57.292	-0.016	57.307	-0.016	57.325	-0.012	57.347	-0.008								

INI186

71.G67 2/9/71 G600PST WHITTER NARROWS CAM

**DOWN**

3030 POINTS 58.702 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0485 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.561	0.011	-0.192	0.021	0.480	0.034	-0.060	2.156	0.183	2.169	0.159	2.172	-0.107	2.175	0.031	2.179	0.031
0.044	-0.431	0.067	-0.426	0.089	-0.361	0.109	0.335	2.194	-0.001	2.208	0.023	2.216	-0.017	2.227	-0.061	2.227	-0.061
0.123	-0.123	0.131	-0.392	0.154	0.300	0.158	0.680	2.253	-0.021	2.270	-0.049	2.286	0.047	2.300	0.143	2.300	0.143
0.060	0.060	0.174	-0.080	0.179	0.020	0.184	0.268	2.312	0.143	2.322	0.051	2.331	0.039	2.352	-0.053	2.352	-0.053
0.168	0.168	0.197	-0.212	0.199	0.148	0.201	0.056	2.367	-0.017	2.376	-0.011	2.358	-0.005	2.428	0.082	2.428	0.082
-0.211	-0.211	0.221	-0.227	0.230	-0.071	0.238	0.089	2.439	0.070	2.458	0.034	2.472	0.034	2.487	-0.058	2.487	-0.058
0.013	0.013	0.266	-0.099	0.271	-0.055	0.280	0.089	2.456	0.054	2.508	0.034	2.526	0.062	2.539	0.158	2.539	0.158
0.157	0.157	0.309	0.113	0.326	0.065	0.337	0.013	2.555	-0.246	2.568	0.214	2.580	-0.150	2.586	0.102	2.586	0.102
-0.358	-0.043	0.378	-0.087	0.388	-0.043	0.398	0.021	2.595	0.078	2.613	0.118	2.635	-0.126	2.654	0.082	2.654	0.082
0.125	0.125	0.418	0.189	0.429	0.208	0.439	0.021	2.667	0.006	2.681	-0.050	2.690	-0.054	2.707	0.058	2.707	0.058
0.467	0.467	0.466	-0.100	0.471	-0.112	0.481	-0.092	2.740	0.158	2.752	0.110	2.761	0.014	2.780	-0.038	2.780	-0.038
0.450	0.064	0.516	0.136	0.522	0.148	0.532	0.116	2.787	0.046	2.758	0.170	2.807	0.198	2.810	0.118	2.810	0.118
0.502	0.044	0.550	-0.052	0.556	-0.108	0.565	-0.148	2.836	0.041	2.857	0.005	2.891	-0.055	2.908	-0.103	2.908	-0.103
0.044	0.044	0.557	-0.009	0.610	-0.035	0.626	0.003	2.924	-0.063	2.953	0.029	2.953	-0.055	2.974	0.125	2.974	0.125
-0.121	-0.121	0.664	-0.049	0.678	-0.053	0.708	0.005	2.988	0.073	2.993	0.015	3.003	-0.079	3.012	-0.111	3.012	-0.111
-0.645	-0.029	0.767	-0.023	0.791	-0.017	0.808	-0.021	3.041	-0.075	3.057	-0.083	3.070	-0.040	3.099	0.072	3.099	0.072
0.741	0.067	0.832	-0.009	0.847	0.038	0.867	0.018	3.135	0.040	3.150	0.000	3.165	0.052	3.194	0.108	3.194	0.108
0.819	-0.041	0.903	0.030	0.918	-0.014	0.929	-0.070	3.205	0.152	3.221	0.216	3.234	0.240	3.245	0.192	3.245	0.192
0.879	-0.022	0.963	-0.002	0.978	-0.010	0.989	-0.018	3.257	0.140	3.270	0.052	3.302	0.063	3.313	0.027	3.313	0.027
-0.938	-0.082	1.002	-0.078	1.017	-0.066	1.038	-0.002	3.324	-0.025	3.333	-0.045	3.351	0.023	3.363	0.027	3.363	0.027
1.003	-0.042	1.010	-0.078	1.017	-0.066	1.038	-0.002	3.324	-0.025	3.333	-0.045	3.351	0.023	3.363	0.027	3.363	0.027
-0.038	-0.038	1.062	-0.058	1.075	-0.030	1.101	-0.006	3.357	-0.049	3.416	-0.105	3.436	-0.081	3.458	-0.049	3.458	-0.049
1.114	0.026	1.134	0.030	1.145	0.026	1.172	0.114	3.471	-0.051	3.503	-0.107	3.524	0.055	3.539	0.003	3.539	0.003
1.215	0.082	1.227	0.018	1.256	-0.018	1.267	0.070	3.549	-0.129	3.562	0.027	3.577	0.023	3.598	0.095	3.598	0.095
1.281	0.118	1.294	0.098	1.305	0.058	1.323	0.026	3.612	-0.007	3.623	-0.045	3.642	-0.117	3.656	-0.030	3.656	-0.030
1.350	0.006	1.362	-0.062	1.380	0.014	1.391	0.062	3.663	0.070	3.676	0.174	3.693	0.230	3.705	0.186	3.705	0.186
1.420	0.106	1.435	0.102	1.444	0.042	1.452	-0.018	3.736	0.146	3.747	0.146	3.770	0.114	3.806	0.074	3.806	0.074
-0.078	-0.078	1.472	-0.138	1.486	-0.066	1.503	0.122	3.815	0.046	3.827	0.042	3.848	0.134	3.868	0.238	3.868	0.238
1.458	0.066	1.533	-0.074	1.583	-0.030	1.617	-0.022	3.854	0.322	3.862	0.330	3.868	-0.266	3.899	0.098	3.899	0.098
1.515	0.066	1.533	-0.074	1.583	-0.030	1.617	-0.022	3.854	0.322	3.862	0.330	3.868	-0.266	3.899	0.098	3.899	0.098
1.634	0.082	1.644	-0.086	1.663	-0.034	1.681	0.002	3.886	0.014	3.895	-0.026	3.914	-0.054	3.926	-0.006	3.926	-0.006
1.562	0.010	1.705	0.082	1.716	0.094	1.723	0.058	3.945	-0.102	3.954	0.054	3.968	-0.102	3.976	-0.118	3.976	-0.118
1.745	-0.082	1.745	-0.082	1.756	-0.050	1.765	-0.007	3.990	0.074	4.027	0.054	4.040	0.098	4.041	0.074	4.041	0.074
1.733	-0.038	1.791	0.025	1.798	-0.003	1.806	-0.043	4.076	-0.058	4.103	0.187	4.107	0.155	4.119	0.067	4.119	0.067
1.777	0.025	1.791	0.025	1.798	-0.003	1.806	-0.043	4.076	-0.058	4.103	0.187	4.107	0.155	4.119	0.067	4.119	0.067
1.864	-0.073	1.831	-0.043	1.847	-0.003	1.858	0.025	4.129	-0.025	4.144	-0.089	4.168	-0.077	4.195	-0.045	4.195	-0.045
1.874	0.093	1.874	0.093	1.881	0.077	1.888	0.049	4.211	-0.073	4.239	0.153	4.239	-0.205	4.260	-0.145	4.260	-0.145
1.923	0.029	1.923	0.029	1.939	0.028	1.945	0.016	4.274	-0.069	4.285	-0.021	4.295	-0.005	4.309	-0.057	4.309	-0.057
1.899	0.029	1.923	0.029	1.939	0.028	1.945	0.016	4.274	-0.069	4.285	-0.021	4.295	-0.005	4.309	-0.057	4.309	-0.057
1.956	-0.036	1.968	0.060	1.979	0.032	1.992	-0.024	4.319	-0.073	4.332	-0.053	4.349	0.019	4.355	0.067	4.355	0.067
2.002	-0.064	2.009	-0.064	2.024	-0.020	2.037	0.064	4.364	-0.171	4.370	0.221	4.385	0.279	4.400	0.260	4.400	0.260
2.047	0.136	2.051	0.192	2.062	0.224	2.076	0.224	4.410	-0.220	4.422	0.140	4.430	-0.092	4.445	-0.036	4.445	-0.036
2.089	0.195	2.096	0.191	2.099	0.095	2.107	0.015	4.455	-0.048	4.492	-0.004	4.504	-0.080	4.516	-0.148	4.516	-0.148
-0.061	-0.061	2.129	-0.037	2.135	0.047	2.147	0.135	4.535	-0.200	4.551	-0.143	4.569	-0.091	4.588	-0.011	4.588	-0.011

4.606	0.069	4.630	0.141	4.648	0.105	4.663	0.105	8.020	0.015	8.038	-0.000	8.060	-0.028	8.080	0.004
4.676	0.169	4.685	0.277	4.712	0.369	4.719	0.277	8.092	0.032	8.105	-0.012	8.131	0.040	8.143	0.076
4.739	0.097	4.759	-0.043	4.773	-0.139	4.785	-0.263	8.168	0.033	8.181	0.056	8.216	0.040	8.230	0.141
4.803	-0.315	4.814	-0.263	4.833	-0.135	4.833	0.001	8.250	0.126	8.269	0.066	8.288	0.059	8.305	0.043
4.886	-0.015	4.886	0.029	4.913	0.061	4.931	0.101	8.322	0.019	8.332	0.004	8.354	0.048	8.365	0.041
4.946	0.077	4.962	-0.067	4.970	-0.091	4.989	0.001	8.374	-0.003	8.384	-0.039	8.421	0.038	8.435	0.054
5.001	0.039	5.016	0.029	5.029	-0.011	5.037	-0.071	8.448	0.083	8.460	0.067	8.471	0.043	8.486	0.024
5.046	-0.139	5.057	-0.183	5.069	-0.159	5.080	-0.071	8.516	0.060	8.530	0.041	8.546	0.005	8.559	-0.027
5.089	0.029	5.098	0.141	5.105	0.193	5.112	0.201	8.590	-0.043	8.609	-0.038	8.636	-0.090	8.657	-0.062
5.120	0.167	5.130	0.105	5.141	-0.015	5.153	0.095	8.673	0.038	8.705	0.066	8.717	0.038	8.736	0.122
5.164	-0.167	5.176	-0.175	5.182	-0.139	5.190	-0.080	8.747	0.102	8.760	0.042	8.776	0.018	8.792	0.058
5.199	0.024	5.214	0.156	5.224	0.136	5.232	0.080	8.814	0.106	8.835	0.054	8.851	0.126	8.870	0.178
5.238	0.008	5.244	-0.044	5.251	-0.112	5.261	-0.120	8.880	0.150	8.889	0.058	8.902	-0.022	8.913	-0.074
5.272	-0.068	5.281	0.024	5.294	0.084	5.308	0.052	8.925	-0.078	8.935	-0.038	8.953	0.053	8.982	0.089
5.319	0.068	5.333	-0.044	5.342	-0.048	5.353	0.003	9.014	0.085	9.035	0.077	9.067	0.065	9.090	0.045
5.386	0.087	5.397	0.043	5.407	0.023	5.420	0.043	9.107	-0.004	9.123	-0.048	9.162	-0.024	9.186	0.012
5.430	0.059	5.440	0.035	5.457	0.023	5.464	0.055	9.200	0.004	9.213	-0.064	9.225	-0.084	9.236	-0.056
5.477	0.083	5.486	0.055	5.492	0.007	5.500	-0.097	9.251	0.011	9.282	0.039	9.302	0.023	9.311	-0.013
5.507	-0.161	5.515	-0.173	5.524	-0.121	5.537	-0.033	9.331	-0.053	9.345	-0.059	9.356	0.011	9.373	0.091
5.544	0.035	5.551	0.083	5.558	0.087	5.567	0.055	9.387	0.119	9.403	0.075	9.417	0.027	9.426	-0.009
5.573	-0.017	5.582	-0.073	5.590	-0.117	5.598	-0.153	9.439	0.059	9.454	0.154	9.472	0.210	9.482	0.182
5.609	-0.153	5.617	-0.097	5.629	-0.007	5.644	0.083	9.495	0.106	9.503	0.046	9.520	0.006	9.543	0.054
5.659	0.098	5.672	0.086	5.686	0.030	5.694	-0.070	9.584	0.038	9.603	0.062	9.624	0.078	9.647	0.057
5.719	-0.110	5.737	-0.026	5.750	0.114	5.771	0.194	9.665	0.037	9.681	-0.015	9.694	-0.031	9.705	-0.019
5.784	0.154	5.789	0.090	5.799	-0.018	5.806	-0.106	9.731	-0.036	9.760	-0.016	9.780	-0.065	9.828	-0.110
5.817	-0.150	5.850	-0.106	5.876	-0.130	5.886	-0.158	9.876	-0.079	9.886	-0.056	9.891	-0.087	9.917	0.087
5.900	-0.198	5.917	-0.162	5.924	-0.110	5.936	-0.062	9.934	0.043	9.944	0.043	9.961	0.087	9.977	0.119
5.952	-0.030	5.961	-0.070	5.974	-0.074	5.989	-0.014	9.989	0.082	10.007	0.018	10.040	0.022	10.063	0.002
6.005	0.050	6.026	0.078	6.047	0.062	6.057	0.038	10.100	-0.006	10.122	-0.030	10.151	0.034	10.177	0.138
6.065	-0.026	6.086	0.050	6.141	0.062	6.145	0.046	10.190	0.150	10.210	0.126	10.237	0.070	10.266	0.058
6.162	-0.002	6.194	0.038	6.230	0.042	6.255	-0.034	10.293	0.031	10.306	-0.012	10.335	-0.026	10.344	-0.042
6.266	0.010	6.286	0.074	6.300	0.050	6.324	-0.086	10.313	-0.043	10.318	-0.066	10.321	-0.074	10.344	-0.058
6.339	-0.102	6.373	0.070	6.400	0.050	6.426	0.006	10.360	-0.027	10.375	0.017	10.385	0.060	10.402	0.088
6.445	-0.010	6.463	-0.054	6.478	-0.058	6.488	-0.094	10.415	0.068	10.424	0.044	10.439	0.027	10.455	0.019
6.502	-0.142	6.526	-0.106	6.548	-0.102	6.565	-0.046	10.465	0.014	10.475	0.022	10.486	0.042	10.500	0.054
6.577	0.002	6.589	0.018	6.604	0.002	6.625	0.038	10.505	0.037	10.515	0.013	10.524	-0.015	10.535	0.001
6.643	0.142	6.659	0.190	6.674	0.154	6.690	0.070	10.552	0.024	10.567	0.016	10.586	0.000	10.600	-0.008
6.705	-0.014	6.732	0.009	6.744	-0.015	6.759	-0.043	10.617	-0.008	10.630	-0.016	10.650	0.012	10.655	0.008
6.786	-0.015	6.811	0.017	6.842	0.185	6.873	0.213	10.679	-0.008	10.687	0.028	10.702	0.056	10.715	0.048
6.885	0.161	6.905	0.080	6.930	0.128	6.950	0.204	10.733	0.048	10.746	0.044	10.754	0.048	10.766	0.072
6.961	0.220	6.972	0.184	6.995	0.068	7.010	0.024	10.778	0.096	10.792	0.112	10.806	0.120	10.815	0.056
7.031	0.116	7.048	0.136	7.063	0.095	7.077	0.011	10.827	0.064	10.843	0.052	10.861	0.044	10.867	0.024
7.095	-0.105	7.103	-0.197	7.117	-0.261	7.136	-0.113	10.887	-0.004	10.895	-0.024	10.922	-0.032	10.934	-0.049
7.144	-0.025	7.157	0.023	7.178	-0.005	7.193	-0.061	10.953	-0.029	10.963	0.019	10.978	0.019	10.999	0.019
7.214	-0.113	7.235	-0.053	7.256	0.023	7.285	0.207	11.012	0.031	11.029	0.063	11.048	0.051	11.063	0.026
7.257	0.159	7.308	0.055	7.323	-0.021	7.334	-0.054	11.072	0.038	11.094	0.026	11.111	0.018	11.130	0.030
7.350	0.018	7.374	0.126	7.386	0.086	7.409	-0.010	11.145	-0.006	11.163	-0.062	11.175	-0.062	11.185	-0.063
7.425	-0.030	7.453	0.006	7.472	0.066	7.494	0.118	11.202	-0.083	11.217	-0.103	11.233	-0.103	11.248	-0.091
7.513	0.038	7.533	-0.026	7.552	0.026	7.574	0.026	11.264	-0.075	11.277	-0.059	11.291	-0.111	11.307	-0.083
7.563	0.074	7.573	0.106	7.588	0.098	7.608	0.074	11.323	-0.040	11.340	-0.004	11.359	0.024	11.371	0.048
7.632	0.041	7.643	0.069	7.668	0.037	7.690	0.077	11.387	0.072	11.395	0.044	11.413	0.076	11.432	0.072
7.715	0.121	7.747	0.153	7.763	0.093	7.778	0.009	11.449	0.031	11.466	-0.013	11.483	-0.037	11.507	-0.025
7.793	-0.047	7.812	-0.111	7.840	-0.091	7.854	-0.108	11.513	-0.001	11.521	0.039	11.538	0.067	11.550	0.071
7.868	-0.128	7.894	-0.104	7.894	-0.004	7.907	0.028	11.563	0.063	11.580	0.026	11.592	-0.010	11.603	-0.010
7.918	0.012	7.934	-0.044	7.941	-0.044	7.953	0.004	11.614	-0.030	11.625	-0.042	11.650	-0.011	11.658	-0.005
7.965	0.100	7.974	0.128	7.985	0.115	8.002	0.055	11.676	-0.015	11.687	-0.016	11.702	-0.020	11.715	-0.032

11.730	-0.081	11.746	-0.057	11.760	-0.093	11.777	-0.106	15.666	-0.035	15.890	-0.043	15.914	-0.015	15.925	0.013
11.788	-0.110	11.803	-0.074	11.818	-0.067	11.834	-0.063	15.947	0.038	15.974	0.054	15.991	0.066	16.017	0.114
11.858	-0.072	11.866	-0.060	11.883	-0.028	11.898	0.004	16.037	0.058	16.055	0.062	16.081	0.054	16.103	0.087
11.916	0.019	11.945	0.003	11.959	-0.009	11.976	-0.022	16.128	0.071	16.148	0.071	16.165	0.071	16.192	0.035
11.996	-0.034	12.019	-0.014	12.030	-0.031	12.051	-0.063	16.204	0.043	16.227	0.063	16.245	0.055	16.273	0.151
12.066	-0.051	12.085	-0.047	12.104	-0.044	12.126	-0.035	16.284	0.127	16.308	0.087	16.331	0.083	16.343	0.111
12.142	-0.023	12.163	-0.019	12.178	-0.039	12.193	-0.051	16.373	0.164	16.395	0.136	16.405	0.108	16.426	0.068
12.219	-0.071	12.228	-0.031	12.243	-0.010	12.261	0.002	16.455	0.052	16.462	0.036	16.483	0.028	16.504	0.059
12.279	0.042	12.291	0.018	12.306	-0.010	12.323	-0.026	16.519	0.001	16.533	0.001	16.549	0.017	16.564	0.045
12.353	-0.041	12.358	-0.025	12.388	-0.003	12.399	-0.008	16.586	0.053	16.587	0.044	16.596	0.042	16.645	0.022
12.418	-0.016	12.431	0.008	12.449	0.016	12.473	0.005	16.659	-0.022	16.677	-0.029	16.611	-0.041	16.828	-0.017
12.486	-0.015	12.504	-0.035	12.525	-0.038	12.550	-0.010	16.759	-0.025	16.777	-0.029	16.811	-0.041	16.916	-0.053
12.562	-0.030	12.580	-0.037	12.600	-0.005	12.618	0.027	16.850	-0.041	16.863	-0.062	16.887	-0.082	17.003	-0.058
12.633	0.071	12.649	0.091	12.672	0.108	12.692	0.056	16.937	-0.041	16.943	-0.062	16.961	-0.075	17.077	-0.087
12.712	0.036	12.728	0.012	12.746	-0.003	12.763	0.029	17.021	-0.050	17.044	-0.059	17.061	-0.075	17.177	-0.087
12.784	0.045	12.801	0.061	12.821	0.057	12.840	0.045	17.058	-0.043	17.119	-0.020	17.151	-0.004	17.177	-0.005
12.862	0.029	12.885	0.033	12.905	0.025	12.924	0.049	17.212	0.006	17.220	-0.022	17.244	-0.038	17.270	-0.031
12.940	0.105	12.959	0.141	12.976	0.117	13.011	0.116	17.257	-0.044	17.320	-0.044	17.341	-0.049	17.374	-0.054
13.014	0.136	13.037	0.136	13.068	0.136	13.069	0.136	17.355	-0.034	17.415	-0.018	17.453	-0.038	17.472	-0.038
13.086	0.124	13.107	0.104	13.132	0.079	13.144	0.103	17.450	-0.054	17.507	-0.058	17.532	-0.002	17.549	-0.014
13.171	0.110	13.176	0.090	13.193	0.038	13.215	0.025	17.571	0.050	17.588	0.010	17.610	-0.006	17.642	-0.014
13.234	0.021	13.261	0.005	13.282	0.080	13.298	0.036	17.655	0.002	17.670	0.022	17.691	0.014	17.720	-0.006
13.318	0.035	13.354	0.039	13.364	0.031	13.388	0.038	17.738	-0.018	17.746	-0.002	17.762	0.022	17.784	0.050
13.400	0.058	13.417	0.066	13.428	0.042	13.443	0.002	17.807	0.018	17.824	0.014	17.834	0.026	17.855	0.042
13.471	-0.027	13.475	-0.007	13.495	0.009	13.514	0.020	17.871	0.026	17.891	0.014	17.905	0.010	17.928	0.030
13.531	-0.008	13.552	-0.040	13.563	-0.056	13.575	-0.025	17.948	0.030	17.965	0.026	17.988	0.046	18.006	0.050
13.592	0.011	13.606	0.023	13.622	0.011	13.639	-0.005	18.022	0.054	18.045	0.050	18.062	0.066	18.082	0.066
13.662	-0.021	13.673	-0.021	13.689	0.003	13.707	0.007	18.058	0.054	18.123	0.042	18.142	0.062	18.157	0.046
13.725	0.015	13.740	0.015	13.758	0.023	13.777	0.035	18.177	0.014	18.208	0.009	18.240	0.001	18.245	0.013
13.792	0.047	13.808	0.075	13.826	0.094	13.847	0.114	18.267	0.037	18.285	0.037	18.305	0.049	18.323	0.057
13.866	0.086	13.882	0.062	13.907	0.091	13.923	0.063	18.355	0.024	18.363	0.040	18.381	0.048	18.404	0.064
13.947	0.031	13.960	0.003	13.979	0.023	14.001	0.071	18.427	0.060	18.453	0.052	18.479	0.091	18.501	0.067
14.018	0.039	14.035	-0.017	14.056	-0.048	14.078	0.068	18.522	0.054	18.542	0.059	18.573	0.055	18.583	0.039
14.059	-0.040	14.111	-0.012	14.135	0.005	14.157	0.021	18.601	0.023	18.617	0.006	18.635	0.018	18.652	0.038
14.178	0.029	14.202	-0.006	14.220	-0.042	14.239	-0.042	18.672	0.038	18.691	0.018	18.712	0.002	18.731	0.018
14.265	-0.026	14.282	-0.016	14.302	-0.030	14.320	-0.034	18.749	0.034	18.779	0.058	18.792	0.054	18.812	0.046
14.343	-0.025	14.363	-0.033	14.385	0.015	14.402	0.043	18.838	0.033	18.870	0.049	18.887	0.009	18.914	0.021
14.416	0.059	14.433	0.087	14.453	0.071	14.465	0.043	18.939	0.004	18.965	0.004	18.983	0.008	19.005	-0.004
14.483	0.007	14.504	-0.017	14.528	-0.025	14.559	-0.045	19.032	-0.044	19.043	-0.040	19.060	-0.017	19.081	0.011
14.565	-0.077	14.586	-0.093	14.598	-0.065	14.611	-0.041	19.100	-0.001	19.122	-0.024	19.145	-0.024	19.169	-0.032
14.626	-0.022	14.644	0.002	14.667	-0.006	14.685	-0.026	19.197	-0.024	19.218	-0.035	19.247	-0.055	19.267	-0.035
14.657	-0.034	14.715	-0.054	14.736	-0.074	14.758	-0.055	19.253	-0.003	19.331	-0.013	19.349	-0.021	19.378	0.004
14.771	-0.031	14.787	-0.003	14.808	-0.015	14.830	-0.015	19.400	-0.011	19.425	-0.021	19.436	-0.016	19.459	0.014
14.836	-0.011	14.853	0.013	14.871	0.005	14.897	-0.019	19.477	-0.029	19.498	-0.001	19.525	0.016	19.553	0.021
14.917	-0.011	14.921	0.009	14.941	0.025	14.965	0.017	19.579	0.022	19.607	0.030	19.644	0.031	19.657	0.044
14.983	-0.007	15.004	-0.023	15.029	-0.016	15.049	-0.008	19.685	0.045	19.720	0.045	19.740	0.010	19.758	0.006
15.081	-0.032	15.103	-0.016	15.104	0.024	15.136	0.076	19.789	0.039	19.810	0.019	19.838	0.047	19.852	0.003
15.161	0.052	15.177	0.028	15.192	0.032	15.213	0.024	19.883	0.003	19.912	-0.005	19.946	0.011	19.970	0.015
15.247	0.008	15.256	-0.012	15.280	-0.012	15.296	-0.013	20.001	-0.001	20.014	-0.013	20.036	0.019	20.070	0.039
15.322	0.057	15.334	0.041	15.351	0.009	15.374	-0.022	20.092	-0.021	20.110	-0.025	20.139	-0.018	20.155	-0.015
15.387	0.002	15.409	0.026	15.421	0.002	15.440	0.006	20.178	-0.011	20.204	-0.016	20.230	-0.020	20.249	-0.009
15.461	-0.021	15.489	-0.065	15.505	-0.061	15.528	-0.024	20.270	0.027	20.300	-0.010	20.317	-0.026	20.357	0.018
15.552	-0.060	15.558	-0.052	15.575	-0.031	15.595	-0.003	20.315	-0.030	20.390	-0.005	20.411	-0.023	20.439	0.048
15.618	0.025	15.641	0.034	15.660	0.002	15.681	0.011	20.466	0.065	20.487	0.061	20.512	0.058	20.529	0.054
15.708	0.027	15.724	-0.001	15.747	-0.016	15.764	-0.016	20.548	0.062	20.574	0.094	20.595	0.065	20.617	0.076
15.786	0.008	15.807	-0.015	15.826	-0.031	15.864	-0.023	20.635	0.079	20.650	0.059	20.664	0.034	20.677	0.021



20.691	0.013	20.699	0.008	20.706	0.008	20.715	-0.000	24.609	-0.003	24.628	-0.007	24.642	-0.027	24.666	-0.028
20.724	-0.017	20.736	-0.017	20.744	-0.017	20.750	-0.018	24.615	-0.020	24.765	-0.013	24.724	-0.021	24.742	-0.029
20.758	-0.026	20.769	-0.018	20.781	-0.006	20.792	0.002	24.769	-0.022	24.773	-0.015	24.814	-0.007	24.839	0.000
20.807	-0.018	20.818	0.018	20.830	0.030	20.848	0.014	24.863	-0.000	24.883	-0.001	24.908	-0.013	24.928	0.000
20.859	-0.006	20.871	-0.014	20.885	-0.014	20.903	-0.006	24.949	-0.034	24.967	-0.039	24.987	-0.047	25.002	-0.060
20.916	-0.010	20.932	-0.018	20.945	-0.026	20.959	-0.006	25.008	-0.068	25.020	-0.080	25.032	-0.088	25.041	-0.093
20.975	-0.002	20.987	-0.002	21.006	0.010	21.021	0.018	25.056	-0.085	25.073	-0.073	25.088	-0.066	25.105	-0.066
21.037	0.030	21.054	0.022	21.073	0.014	21.090	0.010	25.124	-0.063	25.146	-0.054	25.160	-0.058	25.183	-0.054
21.105	0.006	21.125	-0.002	21.146	-0.014	21.164	-0.018	25.202	-0.054	25.223	-0.054	25.240	-0.058	25.261	-0.057
21.180	-0.022	21.156	-0.019	21.212	-0.019	21.227	-0.031	25.278	-0.061	25.302	-0.052	25.321	-0.040	25.350	-0.035
21.238	-0.047	21.252	-0.051	21.270	-0.039	21.284	-0.020	25.372	-0.031	25.395	-0.031	25.411	-0.023	25.411	-0.023
21.299	-0.012	21.315	-0.020	21.334	-0.028	21.354	-0.033	25.423	-0.011	25.439	-0.001	25.456	-0.001	25.467	-0.003
21.372	-0.033	21.392	-0.029	21.412	-0.013	21.429	-0.013	25.478	-0.015	25.496	-0.005	25.511	0.017	25.528	0.009
21.446	-0.013	21.466	-0.001	21.483	-0.002	21.501	-0.014	25.550	0.004	25.571	-0.000	25.589	-0.000	25.614	0.007
21.511	-0.030	21.533	-0.022	21.556	-0.002	21.576	-0.002	25.636	0.007	25.656	-0.019	25.674	-0.019	25.696	0.011
21.557	-0.002	21.621	0.010	21.644	0.014	21.660	0.022	25.716	0.010	25.743	0.018	25.763	0.018	25.785	0.010
21.673	0.018	21.681	0.014	21.692	-0.002	21.709	-0.010	25.804	-0.006	25.823	0.002	25.847	0.018	25.868	0.019
21.725	-0.014	21.743	0.002	21.758	0.010	21.776	-0.014	25.850	-0.006	25.873	0.002	25.897	0.039	25.917	0.043
21.792	-0.022	21.808	-0.030	21.822	-0.042	21.834	-0.046	25.982	0.028	25.999	0.020	26.011	0.008	26.029	0.021
21.855	-0.038	21.875	-0.030	21.894	-0.014	21.910	-0.006	26.049	0.033	26.070	0.017	26.086	0.005	26.103	-0.006
21.926	-0.006	21.943	-0.018	21.957	-0.030	21.969	-0.046	26.123	0.006	26.145	0.014	26.169	0.014	26.191	0.022
21.986	-0.038	21.999	-0.026	22.018	-0.010	22.034	-0.022	26.305	0.050	26.328	0.046	26.352	0.038	26.372	0.042
22.052	-0.046	22.063	-0.062	22.087	-0.006	22.109	-0.004	26.390	0.042	26.413	0.026	26.434	0.010	26.451	-0.002
22.133	-0.038	22.157	-0.030	22.177	-0.006	22.198	-0.002	26.461	-0.006	26.482	-0.002	26.504	-0.002	26.519	0.006
22.213	-0.010	22.233	0.026	22.254	0.018	22.275	0.002	26.541	-0.002	26.557	-0.006	26.579	-0.002	26.595	0.006
22.291	-0.014	22.305	-0.026	22.320	-0.022	22.336	-0.014	26.618	0.006	26.635	-0.002	26.650	-0.010	26.669	-0.018
22.355	-0.026	22.375	-0.042	22.390	-0.046	22.406	-0.050	26.686	-0.010	26.704	-0.010	26.718	-0.030	26.744	-0.026
22.426	-0.038	22.445	-0.022	22.460	-0.014	22.476	-0.006	26.767	-0.026	26.787	-0.030	26.807	-0.030	26.829	-0.030
22.494	-0.014	22.511	-0.014	22.533	-0.010	22.545	-0.002	26.849	-0.030	26.862	-0.026	26.882	-0.014	26.907	-0.026
22.567	-0.006	22.585	-0.018	22.600	-0.022	22.618	-0.018	26.922	-0.042	26.936	-0.054	26.958	-0.042	26.981	-0.038
22.637	-0.006	22.655	-0.014	22.676	-0.018	22.704	-0.014	27.026	-0.022	27.049	-0.022	27.079	-0.002	27.107	0.002
22.721	-0.014	22.741	-0.006	22.754	-0.002	22.775	-0.014	27.026	-0.022	27.049	-0.022	27.079	-0.002	27.107	0.002
22.796	-0.018	22.818	-0.022	22.835	-0.026	22.848	-0.038	27.026	-0.022	27.049	-0.022	27.079	-0.002	27.107	0.002
22.868	-0.050	22.890	-0.026	22.908	-0.010	22.921	0.002	27.161	0.006	27.177	-0.002	27.192	-0.017	27.206	-0.029
22.935	-0.002	22.951	-0.006	22.974	-0.010	22.997	-0.002	27.225	-0.017	27.244	-0.005	27.262	-0.009	27.285	-0.012
23.020	0.014	23.041	0.026	23.057	0.026	23.080	0.022	27.306	-0.008	27.323	0.005	27.343	0.009	27.362	0.017
23.094	0.018	23.112	0.026	23.128	0.025	23.147	0.025	27.376	0.025	27.394	0.017	27.417	0.009	27.423	-0.007
23.164	0.013	23.182	0.013	23.200	0.020	23.223	0.024	27.442	-0.003	27.468	0.001	27.486	0.001	27.508	-0.000
23.240	-0.024	23.253	0.012	23.271	0.007	23.286	0.003	27.526	-0.013	27.547	-0.005	27.568	0.006	27.591	-0.007
23.306	0.007	23.319	0.011	23.341	-0.011	23.359	-0.011	27.607	-0.019	27.621	-0.028	27.644	-0.029	27.668	-0.029
23.372	-0.011	23.393	0.002	23.411	-0.006	23.427	-0.014	27.657	-0.038	27.671	-0.031	27.690	-0.027	27.715	-0.020
23.447	-0.010	23.463	-0.002	23.488	-0.002	23.505	0.002	27.778	-0.004	27.799	-0.025	27.820	-0.033	27.842	-0.001
23.523	-0.014	23.541	0.022	23.555	0.026	23.573	0.013	27.852	-0.015	27.868	0.002	27.885	0.006	27.910	-0.006
23.591	-0.002	23.613	0.010	23.630	0.022	23.650	0.013	27.928	-0.010	27.944	0.002	27.962	0.022	27.975	0.038
23.672	0.001	23.688	-0.007	23.704	0.000	23.718	0.020	28.001	0.030	28.018	0.022	28.038	0.015	28.056	0.011
23.743	-0.012	23.769	-0.001	23.792	-0.009	23.810	-0.013	28.074	0.020	28.089	0.027	28.107	0.031	28.120	0.043
23.835	-0.014	23.850	-0.030	23.865	-0.038	23.884	-0.023	28.144	0.020	28.163	0.016	28.193	0.017	28.214	0.021
23.902	-0.015	23.922	-0.003	23.941	-0.012	23.959	-0.020	28.231	0.029	28.260	0.026	28.288	0.006	28.314	-0.007
23.980	-0.016	24.007	-0.009	24.031	-0.001	24.049	-0.010	28.343	-0.007	28.368	-0.008	28.390	-0.008	28.409	-0.020
24.067	-0.014	24.086	-0.026	24.106	-0.019	24.131	-0.003	28.428	-0.032	28.451	-0.021	28.481	-0.013	28.495	-0.029
24.155	0.001	24.179	0.012	24.202	0.012	24.221	0.011	28.515	-0.037	28.538	-0.017	28.558	-0.007	28.578	0.019
24.245	0.011	24.260	0.011	24.280	0.027	24.294	0.031	28.599	0.026	28.620	0.026	28.641	0.026	28.664	0.026
24.311	0.031	24.330	0.043	24.343	0.055	24.359	0.064	28.690	0.026	28.739	0.006	28.756	0.006	28.756	0.010
24.377	0.060	24.397	0.060	24.416	0.056	24.435	0.049	28.775	0.010	28.801	-0.006	28.821	-0.017	28.838	0.007
24.454	0.037	24.470	0.041	24.486	0.045	24.507	0.037	28.861	0.015	28.882	0.023	28.891	-0.007	28.904	-0.009
24.529	0.013	24.548	0.005	24.567	0.005	24.587	-0.003	28.927	-0.017	28.945	-0.009	28.962	-0.005	28.977	-0.001

28.558	-0.016	29.015	-0.028	29.030	-0.032	29.052	-0.023	33.291	-0.034	33.310	-0.020	33.330	-0.022	33.348	-0.018
29.065	-0.007	29.084	-0.023	29.103	-0.026	29.122	-0.018	33.364	-0.026	33.382	-0.026	33.401	-0.014	33.417	-0.006
29.148	-0.021	29.171	-0.037	29.198	-0.032	29.221	-0.032	33.438	-0.026	33.465	-0.022	33.493	-0.014	33.519	-0.026
29.243	-0.031	29.267	-0.039	29.291	-0.038	29.297	-0.038	33.534	-0.022	33.546	-0.018	33.559	-0.010	33.579	-0.006
29.307	-0.038	29.321	-0.034	29.336	-0.037	29.344	-0.041	33.599	-0.014	33.620	-0.006	33.641	-0.002	33.662	-0.006
29.361	-0.033	29.376	-0.025	29.395	-0.025	29.416	-0.017	33.678	-0.014	33.700	-0.010	33.715	-0.010	33.742	-0.018
29.432	-0.003	29.450	-0.003	29.467	-0.013	29.484	-0.025	33.759	-0.022	33.778	-0.006	33.799	-0.002	33.821	-0.010
29.502	-0.025	29.520	-0.005	29.534	-0.003	29.551	-0.007	33.836	-0.018	33.866	-0.013	33.891	-0.002	33.920	-0.013
29.571	-0.013	29.589	-0.021	29.606	-0.021	29.625	-0.017	33.940	-0.009	33.958	-0.016	33.980	-0.028	33.999	-0.028
29.647	-0.009	29.664	-0.018	29.678	-0.038	29.693	-0.034	34.010	-0.011	34.037	-0.007	34.063	-0.019	34.085	-0.031
29.714	-0.014	29.729	-0.002	29.747	-0.010	29.760	-0.002	34.107	-0.011	34.132	-0.002	34.152	-0.010	34.180	-0.017
29.774	-0.018	29.788	-0.030	29.801	-0.034	29.818	-0.010	34.214	-0.020	34.240	-0.020	34.265	-0.035	34.282	-0.027
29.836	-0.010	29.852	-0.018	29.871	-0.022	29.884	-0.038	34.321	-0.010	34.345	-0.009	34.370	-0.017	34.408	-0.007
29.905	-0.038	29.918	-0.042	29.932	-0.050	29.952	-0.030	34.422	-0.007	34.453	-0.007	34.477	-0.005	34.505	-0.015
29.964	-0.006	29.978	-0.002	29.998	-0.014	30.011	-0.031	34.527	-0.023	34.560	-0.011	34.583	-0.011	34.604	-0.023
30.033	-0.027	30.053	-0.027	30.074	-0.027	30.096	-0.043	34.631	-0.015	34.651	-0.022	34.687	-0.026	34.739	-0.006
30.113	-0.027	30.134	-0.001	30.145	-0.001	30.163	-0.012	34.775	-0.022	34.817	-0.010	34.833	-0.026	34.859	-0.034
30.185	-0.012	30.203	-0.008	30.226	-0.016	30.252	-0.020	34.875	-0.014	34.896	-0.010	34.914	-0.018	34.946	-0.026
30.276	-0.028	30.300	-0.016	30.323	-0.000	30.340	-0.012	34.981	-0.022	35.006	-0.030	35.043	-0.034	35.089	-0.022
30.358	-0.000	30.376	-0.012	30.405	-0.000	30.431	-0.013	35.128	-0.018	35.163	-0.006	35.200	-0.006	35.227	-0.006
30.445	-0.021	30.460	-0.033	30.479	-0.029	30.503	-0.025	35.270	-0.014	35.325	-0.018	35.361	-0.015	35.384	-0.019
30.523	-0.033	30.541	-0.041	30.558	-0.053	30.581	-0.033	35.430	-0.011	35.472	-0.028	35.493	-0.020	35.525	-0.009
30.602	-0.024	30.622	-0.032	30.641	-0.044	30.660	-0.027	35.556	-0.013	35.585	-0.017	35.600	-0.021	35.625	-0.005
30.678	-0.015	30.694	-0.002	30.711	-0.006	30.735	-0.006	35.657	-0.001	35.683	-0.014	35.717	-0.014	35.742	-0.002
30.749	-0.013	30.767	-0.013	30.782	-0.005	30.805	-0.016	35.768	-0.010	35.788	-0.014	35.808	-0.014	35.828	-0.002
30.820	-0.024	30.844	-0.012	30.865	-0.003	30.887	-0.003	35.850	-0.010	35.879	-0.010	35.912	-0.002	35.938	-0.002
30.911	-0.002	30.927	-0.006	30.952	-0.010	30.970	-0.018	35.980	-0.002	36.043	-0.006	36.059	-0.006	36.109	-0.006
30.958	-0.003	31.021	-0.003	31.048	-0.003	31.075	-0.004	36.137	-0.010	36.162	-0.003	36.227	-0.003	36.301	-0.000
31.103	-0.004	31.120	-0.004	31.144	-0.005	31.162	-0.005	36.358	-0.007	36.448	-0.007	36.468	-0.015	36.497	-0.011
31.182	-0.005	31.205	-0.014	31.224	-0.022	31.242	-0.010	36.522	-0.023	36.546	-0.019	36.572	-0.007	36.604	-0.002
31.258	-0.002	31.276	-0.014	31.295	-0.014	31.316	-0.010	36.632	-0.006	36.651	-0.014	36.669	-0.018	36.714	-0.010
31.334	-0.002	31.355	-0.002	31.376	-0.001	31.396	-0.019	36.746	-0.018	36.788	-0.026	36.827	-0.006	36.849	-0.006
31.415	-0.017	31.433	-0.015	31.441	-0.012	31.449	-0.013	36.887	-0.026	36.916	-0.018	36.944	-0.010	36.978	-0.034
31.457	-0.013	31.459	-0.013	31.464	-0.018	31.468	-0.018	37.005	-0.046	37.035	-0.038	37.083	-0.030	37.152	-0.022
31.475	-0.022	31.503	-0.022	31.530	-0.026	31.552	-0.047	37.195	-0.014	37.243	-0.014	37.290	-0.018	37.336	-0.026
31.570	-0.043	31.586	-0.020	31.612	-0.001	31.641	-0.011	37.363	-0.034	37.400	-0.022	37.423	-0.026	37.473	-0.038
31.660	-0.010	31.679	-0.009	31.697	-0.003	31.716	-0.008	37.504	-0.014	37.536	-0.010	37.579	-0.006	37.620	-0.014
31.734	-0.004	31.760	-0.012	31.777	-0.023	31.795	-0.019	37.650	-0.014	37.688	-0.011	37.735	-0.024	37.758	-0.024
31.813	-0.007	31.833	-0.023	31.851	-0.018	31.882	-0.018	37.796	-0.025	37.817	-0.033	37.843	-0.025	37.868	-0.018
31.900	-0.018	31.917	-0.006	31.931	-0.002	31.963	-0.014	37.889	-0.034	37.923	-0.036	37.942	-0.032	37.966	-0.013
31.981	-0.014	32.004	-0.002	32.019	-0.014	32.035	-0.022	37.957	-0.014	38.009	-0.007	38.024	-0.007	38.066	-0.020
32.051	-0.010	32.071	-0.002	32.092	-0.010	32.115	-0.010	38.084	-0.012	38.109	-0.001	38.133	-0.005	38.155	-0.013
32.133	-0.002	32.141	-0.002	32.162	-0.018	32.181	-0.022	38.173	-0.005	38.203	-0.001	38.222	-0.009	38.248	-0.004
32.157	-0.021	32.218	-0.005	32.232	-0.001	32.249	-0.017	38.269	-0.000	38.293	-0.016	38.315	-0.032	38.344	-0.017
32.263	-0.025	32.280	-0.033	32.306	-0.032	32.326	-0.027	38.382	-0.017	38.405	-0.021	38.423	-0.025	38.457	-0.013
32.340	-0.027	32.364	-0.022	32.372	-0.022	32.391	-0.029	38.483	-0.006	38.522	-0.010	38.556	-0.018	38.591	-0.014
32.404	-0.025	32.423	-0.012	32.440	-0.007	32.468	-0.002	38.633	-0.034	38.667	-0.022	38.701	-0.022	38.722	-0.022
32.481	-0.007	32.502	-0.005	32.521	-0.012	32.544	-0.011	38.748	-0.022	38.767	-0.026	38.800	-0.010	38.823	-0.002
32.563	-0.018	32.601	-0.017	32.626	-0.020	32.648	-0.012	38.856	-0.002	38.890	-0.002	38.918	-0.006	38.944	-0.010
32.662	-0.016	32.685	-0.023	32.694	-0.023	32.714	-0.007	38.970	-0.006	38.990	-0.006	39.017	-0.002	39.035	-0.010
32.743	-0.006	32.772	-0.006	32.801	-0.006	32.831	-0.010	39.065	-0.018	39.084	-0.014	39.118	-0.006	39.133	-0.018
32.850	-0.010	32.887	-0.023	32.887	-0.035	32.901	-0.039	39.157	-0.026	39.181	-0.022	39.210	-0.014	39.234	-0.030
32.917	-0.035	32.932	-0.015	32.964	-0.016	32.987	-0.020	39.285	-0.022	39.353	-0.012	39.392	-0.018	39.439	-0.014
33.018	-0.020	33.038	-0.025	33.057	-0.033	33.073	-0.033	39.481	-0.026	39.530	-0.014	39.562	-0.018	39.607	-0.014
33.107	-0.041	33.134	-0.049	33.149	-0.050	33.178	-0.038	39.642	-0.002	39.668	-0.010	39.702	-0.002	39.730	-0.018
33.202	-0.034	33.230	-0.042	33.248	-0.050	33.266	-0.046	39.765	-0.002	39.792	-0.002	39.841	-0.003	39.919	-0.008

39.970	-0.005	39.992	-0.006	40.030	0.001	40.060	-0.004	45.011	-C.020	45.036	-0.019	45.059	-C.023	45.084	-C.018
40.081	C.007	40.116	0.009	40.147	0.000	40.182	-0.004	45.100	-C.030	45.121	-0.025	45.145	-0.029	45.168	-C.028
40.204	-0.013	40.228	-0.014	40.264	-0.010	40.298	-0.010	45.155	-C.024	45.210	-0.024	45.230	-0.011	45.249	-C.019
40.321	-0.014	40.357	-0.014	40.392	-0.010	40.426	-0.010	45.270	-C.019	45.293	-0.027	45.312	-0.031	45.333	-0.019
40.452	-0.018	40.489	-0.014	40.528	-0.010	40.543	-0.010	45.357	-0.019	45.374	-0.023	45.390	-C.015	45.410	-C.023
40.581	-0.002	40.601	0.010	40.628	0.014	40.665	0.010	45.431	-C.019	45.451	-C.020	45.470	-C.040	45.486	-C.004
40.722	0.005	40.770	0.001	40.810	0.013	40.864	0.024	45.506	-0.020	45.527	-0.016	45.548	-C.012	45.567	-C.004
40.888	-0.028	40.941	0.040	40.989	0.035	41.021	0.023	45.583	-0.004	45.600	-0.001	45.618	-0.007	45.639	C.019
41.046	0.003	41.070	-0.001	41.100	0.011	41.123	0.003	45.652	G.027	45.667	C.014	45.680	C.006	45.699	C.002
41.152	-C.010	41.181	0.006	41.205	-0.002	41.237	-0.010	45.723	0.005	45.746	-C.003	45.761	-0.007	45.779	C.005
41.250	-0.002	41.283	0.006	41.303	-0.002	41.328	-0.018	45.797	-0.004	45.815	-0.008	45.836	-0.016	45.857	-C.008
41.367	-0.021	41.393	-0.029	41.423	-0.040	41.451	-0.031	45.873	-C.016	45.894	-C.020	45.914	-C.020	45.937	-C.025
41.488	-0.022	41.519	-0.021	41.558	-0.027	41.604	-0.010	45.958	-0.025	45.979	-C.013	46.002	-C.009	46.022	-C.017
41.646	-0.002	41.675	-0.006	41.709	-0.006	41.751	0.006	46.041	-0.001	46.059	-0.010	46.081	-0.002	46.103	C.002
41.769	-0.011	41.787	-0.011	41.801	-0.003	41.822	0.006	46.120	G.018	46.157	-C.010	46.179	C.002	46.200	-C.010
41.846	0.001	41.875	-0.015	41.879	-0.015	41.891	-0.015	46.224	G.002	46.245	-C.006	46.265	-C.006	46.286	-C.006
41.902	-0.019	41.916	-0.019	41.929	-0.010	41.944	0.002	46.318	0.006	46.340	-C.014	46.371	-C.006	46.392	-C.006
41.958	-0.010	41.985	-0.022	41.997	-0.009	42.012	-0.005	46.414	-0.014	46.435	-C.014	46.458	-C.026	46.486	-C.002
42.026	-0.013	42.039	-0.001	42.055	-0.005	42.071	-0.009	46.506	-C.010	46.523	-C.026	46.543	-C.026	46.567	-C.014
42.087	-0.005	42.102	-0.009	42.116	-0.001	42.136	0.003	46.586	-0.014	46.610	-0.014	46.631	-0.006	46.651	-C.022
42.147	-0.000	42.166	-0.008	42.183	-0.008	42.197	-0.008	46.677	-0.006	46.695	-0.022	46.716	-C.022	46.735	-0.022
42.214	-0.004	42.232	-0.001	42.243	-0.001	42.259	0.003	46.763	-0.010	46.784	-0.022	46.810	C.010	46.825	-C.006
42.275	C.003	42.289	-0.001	42.307	-0.002	42.320	-0.002	46.850	C.034	46.866	-C.006	46.886	-C.011	46.912	0.013
42.336	-0.002	42.350	-0.002	42.364	-0.003	42.379	-0.008	46.931	-0.003	46.954	0.009	46.974	-C.003	46.994	C.001
42.354	-0.003	42.408	-0.007	42.422	-0.016	42.437	-0.008	47.016	-0.004	47.038	-0.008	47.056	-C.020	47.070	-C.009
42.452	-0.004	42.465	-0.000	42.483	0.003	42.501	-0.001	47.087	-0.005	47.105	-C.005	47.120	-C.002	47.136	-0.010
42.517	-0.013	42.542	-0.010	42.555	-0.006	42.569	-0.006	47.154	-0.010	47.168	-0.015	47.186	-C.015	47.207	-C.023
42.590	-0.010	42.606	-0.019	42.624	-0.027	42.640	-0.019	47.224	-C.028	47.240	-C.028	47.260	-0.024	47.281	-C.021
42.660	-0.015	42.682	-0.016	42.702	-0.016	42.722	-0.024	47.256	-0.021	47.316	-C.021	47.330	-C.021	47.348	-C.022
42.741	-0.025	42.756	-0.033	42.773	-0.033	42.793	-0.033	47.380	-0.018	47.394	-0.026	47.413	-C.027	47.438	-C.027
42.822	-0.033	42.843	-0.033	42.877	-0.005	42.894	-0.037	47.459	-C.027	47.484	-C.024	47.510	-C.024	47.537	-C.017
42.923	-0.029	42.944	-0.017	42.966	-0.033	42.983	-0.038	47.559	-0.013	47.579	-0.017	47.604	-C.009	47.631	C.002
43.002	-0.034	43.033	-0.030	43.049	-0.030	43.070	-0.030	47.657	-0.006	47.675	-C.006	47.694	-C.002	47.715	-0.003
43.051	-0.030	43.113	-0.030	43.146	-0.026	43.163	-0.022	47.732	-0.003	47.756	-C.007	47.776	-C.007	47.793	-0.008
43.186	-0.026	43.208	-0.014	43.228	-0.006	43.251	-0.006	47.814	C.000	47.840	G.008	47.868	C.019	47.892	C.031
43.270	0.002	43.287	-0.018	43.307	-0.018	43.328	-0.006	47.915	C.015	47.935	C.014	47.976	C.006	47.995	C.009
43.346	-C.010	43.364	-0.018	43.387	-0.022	43.408	-0.018	48.007	C.033	48.030	C.033	48.051	C.024	48.085	C.004
43.427	-0.014	43.446	-0.010	43.467	-0.010	43.489	-0.014	48.101	0.008	48.115	G.004	48.136	-0.000	48.162	-0.007
43.508	0.002	43.528	-0.002	43.554	0.014	43.576	0.034	48.183	-C.011	48.205	G.007	48.222	-0.003	48.246	-0.001
43.594	0.014	43.614	0.006	43.645	0.006	43.660	0.006	48.272	-0.005	48.291	G.018	48.307	-0.010	48.334	-0.003
43.683	0.006	43.705	-0.006	43.726	-0.010	43.746	-0.006	48.357	0.039	48.370	-0.013	48.401	C.019	48.419	-0.008
43.766	-0.006	43.785	-0.002	43.807	-0.010	43.828	-0.010	48.448	-C.012	48.460	-C.020	48.482	-C.016	48.500	-0.011
43.851	-0.014	43.875	-0.010	43.898	-0.018	43.916	-0.018	48.521	0.001	48.546	-C.019	48.560	C.009	48.600	-C.010
43.940	-0.014	43.962	-0.018	43.986	-0.019	44.007	-0.023	48.623	-C.002	48.643	-C.022	48.659	-C.025	48.688	C.003
44.031	-0.019	44.053	-0.011	44.073	-0.003	44.095	-0.011	48.713	-0.009	48.728	-C.000	48.751	-C.008	48.772	-C.008
44.116	-0.023	44.135	-0.012	44.155	-0.004	44.177	-0.008	48.795	-0.019	48.816	-C.015	48.839	-0.019	48.859	-0.019
44.200	-0.008	44.224	-0.004	44.245	-0.004	44.265	-0.004	48.876	-0.007	48.892	-C.015	48.905	-C.035	48.922	-0.035
44.283	0.011	44.300	0.015	44.318	0.023	44.339	0.023	48.940	-C.007	48.951	-C.027	48.969	-C.023	48.987	-0.035
44.358	0.031	44.377	0.027	44.396	0.027	44.414	0.035	49.009	-C.023	49.027	-C.011	49.045	-C.004	49.063	-0.012
44.434	0.019	44.451	0.015	44.480	0.019	44.496	0.011	49.085	0.008	49.103	-0.012	49.121	-0.016	49.143	-C.016
44.516	0.010	44.536	0.014	44.556	0.011	44.574	0.007	49.164	-C.004	49.184	G.008	49.201	-C.008	49.218	-C.009
44.591	-0.005	44.608	0.003	44.626	0.003	44.646	-0.012	49.234	-C.021	49.254	-C.005	49.276	-C.005	49.293	-C.010
44.668	-0.016	44.687	-0.020	44.706	-0.019	44.724	-0.019	49.314	-0.014	49.329	-C.022	49.354	-C.010	49.383	-C.007
44.755	-0.023	44.773	-0.023	44.796	-0.018	44.824	-0.021	49.403	-0.019	49.422	G.002	49.440	-C.003	49.468	C.000
44.847	-0.016	44.866	-0.020	44.887	-0.023	44.907	-0.019	49.502	-0.008	49.520	-C.004	49.546	C.004	49.566	-0.003
44.930	-0.022	44.948	-0.013	44.967	-0.021	44.989	-0.024	49.589	-0.001	49.612	-C.005	49.640	C.003	49.660	-C.003

49.655	-0.009	49.716	0.003	49.744	0.019	49.767	-0.006	53.866	-0.003	53.884	-0.023	53.907	0.009	53.921	0.001
49.786	-0.010	49.808	0.002	49.830	0.006	49.848	-0.010	53.936	-0.011	53.948	-0.023	53.963	-0.015	53.980	-0.008
49.871	0.006	49.889	0.018	49.916	0.002	49.939	0.010	53.959	-0.007	54.018	-0.003	54.043	-0.007	54.059	-0.010
49.973	-0.026	49.991	-0.022	50.014	-0.014	50.034	-0.014	54.077	-0.013	54.055	-0.014	54.125	-0.005	54.142	-0.009
50.052	-0.010	50.073	-0.010	50.096	-0.002	50.119	-0.022	54.167	-0.013	54.192	-0.025	54.221	-0.021	54.238	-0.017
50.134	-0.014	50.162	-0.002	50.197	-0.002	50.214	-0.010	54.262	-0.029	54.283	-0.022	54.308	-0.022	54.330	-0.023
50.236	-0.018	50.261	-0.022	50.285	-0.015	50.305	-0.003	54.354	-0.031	54.377	-0.040	54.400	-0.036	54.425	-0.037
50.325	-0.011	50.340	-0.011	50.354	-0.015	50.371	-0.012	54.446	-0.049	54.473	-0.050	54.496	-0.042	54.544	-0.042
50.389	-0.012	50.410	-0.012	50.431	-0.004	50.450	0.003	54.553	-0.042	54.641	-0.038	54.654	-0.046	54.678	-0.054
50.469	-0.005	50.485	-0.001	50.502	0.002	50.522	0.006	54.707	-0.050	54.731	-0.055	54.759	-0.059	54.781	-0.055
50.538	0.014	50.554	0.002	50.582	0.005	50.597	0.009	54.802	-0.047	54.822	-0.040	54.835	-0.032	54.857	-0.028
50.614	0.001	50.631	-0.012	50.649	-0.012	50.669	-0.013	54.812	-0.040	54.886	-0.032	54.898	-0.041	54.915	-0.041
50.686	-0.009	50.703	0.003	50.720	-0.002	50.742	-0.006	54.930	-0.029	54.944	-0.033	54.959	-0.033	54.974	-0.037
50.762	-0.010	50.783	-0.015	50.804	-0.007	50.826	-0.012	54.990	-0.029	55.011	-0.037	55.030	-0.041	55.049	-0.025
50.848	-0.008	50.874	-0.008	50.897	-0.008	50.917	-0.008	55.072	-0.025	55.095	-0.020	55.111	-0.032	55.128	-0.032
50.938	-0.008	50.961	-0.005	50.982	-0.005	51.008	0.011	55.148	-0.028	55.164	-0.027	55.193	-0.027	55.218	-0.035
51.023	-0.009	51.040	-0.021	51.058	-0.009	51.073	-0.005	55.239	-0.035	55.260	-0.031	55.277	-0.023	55.292	-0.027
51.105	0.002	51.122	-0.001	51.146	-0.005	51.172	0.007	55.314	-0.023	55.332	-0.027	55.347	-0.020	55.375	-0.024
51.191	0.007	51.214	0.003	51.233	-0.008	51.253	-0.008	55.394	-0.021	55.410	-0.021	55.421	-0.025	55.437	-0.026
51.277	-0.020	51.300	-0.016	51.328	-0.020	51.357	-0.019	55.458	-0.026	55.480	-0.026	55.499	-0.023	55.525	-0.023
51.314	-0.015	51.398	-0.011	51.427	0.010	51.441	-0.022	55.547	-0.039	55.581	-0.039	55.710	-0.039	55.727	-0.031
51.464	-0.021	51.491	-0.025	51.519	-0.024	51.542	-0.024	55.666	-0.039	55.684	-0.039	55.710	-0.039	55.746	-0.035
51.566	-0.024	51.589	-0.023	51.610	-0.031	51.635	-0.031	55.754	-0.034	55.774	-0.030	55.795	-0.022	55.814	-0.026
51.657	-0.035	51.677	-0.035	51.695	-0.038	51.710	-0.038	55.842	-0.026	55.858	-0.034	55.877	-0.038	55.902	-0.034
51.728	-0.034	51.743	-0.038	51.754	-0.038	51.764	-0.038	55.927	-0.024	55.957	-0.030	55.977	-0.026	55.993	-0.010
51.771	-0.038	51.778	-0.034	51.780	-0.034	51.785	-0.034	56.010	-0.015	56.032	-0.011	56.053	-0.015	56.073	-0.019
51.788	-0.038	51.797	-0.034	51.828	-0.046	51.842	-0.046	56.093	-0.012	56.115	-0.020	56.131	-0.012	56.146	-0.016
51.855	-0.034	51.871	-0.038	51.883	-0.038	51.892	-0.046	56.167	-0.025	56.181	-0.021	56.208	-0.017	56.219	-0.017
51.915	-0.034	51.933	-0.034	51.954	-0.034	51.976	-0.046	56.241	-0.017	56.262	-0.017	56.263	-0.017	56.300	-0.018
51.956	-0.034	52.016	-0.034	52.031	-0.030	52.046	-0.030	56.316	-0.022	56.332	-0.021	56.350	-0.021	56.360	-0.029
52.057	-0.030	52.092	-0.030	52.092	-0.018	52.106	-0.022	56.376	-0.025	56.395	-0.025	56.418	-0.024	56.443	-0.029
52.115	-0.026	52.131	-0.022	52.145	-0.034	52.155	-0.035	56.459	-0.029	56.480	-0.024	56.504	-0.024	56.527	-0.024
52.179	-0.031	52.197	-0.031	52.218	-0.031	52.235	-0.031	56.547	-0.028	56.574	-0.032	56.594	-0.020	56.609	-0.020
52.259	-0.019	52.272	-0.023	52.289	-0.022	52.301	-0.026	56.621	-0.012	56.630	-0.016	56.644	-0.020	56.655	-0.012
52.322	-0.021	52.342	-0.028	52.359	-0.020	52.380	-0.015	56.665	-0.017	56.678	-0.017	56.691	-0.021	56.702	-0.021
52.394	-0.027	52.414	-0.026	52.432	-0.037	52.447	-0.037	56.716	-0.014	56.734	-0.018	56.751	-0.010	56.768	-0.014
52.463	-0.033	52.482	-0.029	52.498	-0.024	52.521	-0.024	56.781	-0.014	56.798	-0.015	56.813	-0.015	56.826	-0.023
52.540	-0.040	52.556	-0.032	52.579	-0.028	52.591	-0.032	56.876	-0.036	56.911	-0.035	56.931	-0.031	56.952	-0.027
52.620	-0.036	52.632	-0.040	52.645	-0.028	52.662	-0.040	56.966	-0.019	56.986	-0.023	57.011	-0.030	57.024	-0.034
52.673	-0.032	52.687	-0.020	52.703	-0.024	52.723	-0.016	57.037	-0.030	57.058	-0.026	57.075	-0.026	57.090	-0.026
52.742	-0.021	52.759	-0.025	52.778	-0.025	52.792	-0.029	57.107	-0.026	57.122	-0.030	57.136	-0.034	57.154	-0.042
52.809	-0.029	52.828	-0.029	52.843	-0.033	52.858	-0.037	57.113	-0.034	57.131	-0.042	57.216	-0.026	57.234	-0.038
52.876	-0.041	52.894	-0.030	52.915	-0.050	52.946	-0.034	57.260	-0.030	57.273	-0.038	57.295	-0.030	57.321	-0.030
52.960	-0.026	52.985	-0.019	52.999	-0.023	53.010	-0.035	57.338	-0.038	57.366	-0.042	57.387	-0.042	57.408	-0.034
53.030	-0.027	53.054	-0.028	53.064	-0.036	53.077	-0.037	57.425	-0.038	57.443	-0.046	57.464	-0.046	57.481	-0.054
53.088	-0.029	53.096	-0.033	53.108	-0.033	53.119	-0.038	57.489	-0.058	57.501	-0.050	57.518	-0.046	57.532	-0.042
53.131	-0.050	53.141	-0.030	53.155	-0.046	53.166	-0.039	57.540	-0.046	57.545	-0.050	57.561	-0.050	57.578	-0.050
53.269	-0.045	53.269	-0.049	53.285	-0.057	53.303	-0.040	57.595	-0.046	57.612	-0.050	57.623	-0.046	57.641	-0.034
53.322	-0.040	53.344	-0.043	53.362	-0.035	53.380	-0.042	57.651	-0.050	57.662	-0.042	57.687	-0.041	57.710	-0.029
53.397	-0.046	53.416	-0.046	53.435	-0.026	53.456	-0.026	57.726	-0.026	57.754	-0.025	57.782	-0.032	57.803	-0.036
53.471	-0.038	53.488	-0.035	53.507	-0.035	53.528	-0.023	57.825	-0.040	57.852	-0.043	57.872	-0.043	57.892	-0.050
53.546	-0.015	53.565	-0.016	53.587	-0.016	53.612	-0.012	57.911	-0.046	57.924	-0.046	57.946	-0.042	57.985	-0.042
53.636	-0.013	53.655	-0.021	53.670	-0.009	53.685	-0.005	58.004	-0.046	58.027	-0.038	58.049	-0.038	58.065	-0.042
53.703	-0.001	53.717	0.002	53.737	0.002	53.758	-0.010	58.083	-0.034	58.098	-0.038	58.123	-0.037	58.144	-0.041
53.765	-0.014	53.785	-0.010	53.815	-0.006	53.836	-0.002	58.170	-0.033	58.193	-0.032	58.217	-0.044	58.233	-0.032
								58.248	-0.031	58.267	-0.035	58.295	-0.034	58.321	-0.038

58.339	-0.026	58.363	-0.034	58.386	-0.034	58.408	-0.038
58.433	-0.038	58.450	-0.030	58.472	-0.018	58.498	-0.031
58.521	-0.023	58.536	-0.036	58.553	-0.020	58.577	-0.025
58.599	-0.017	58.626	-0.030	58.649	-0.026	58.663	-0.022
58.677	-0.018	58.693	-0.002	58.696	-0.002	58.698	-0.002
58.701	-0.002	58.702	-0.002				

IN187

71-068 2/9/71 0600PST SAN ANTONIO CAN, SAN ANTONIO CAN N15E

1985 POINTS 29.956 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1122 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.144	0.013	-0.118	0.029	-0.059	0.036	-0.102	1.589	-0.036	2.003	-0.169	2.014	-0.218	2.026	-0.226	2.038	-0.187
0.048	-0.114	0.060	-0.084	0.075	-0.038	0.050	0.007	2.041	-0.165	2.055	-0.044	2.058	0.131	2.079	0.187	2.091	-0.097
0.101	0.053	0.112	0.068	0.123	0.045	0.137	0.015	2.085	0.218	2.096	0.172	2.116	-0.036	2.116	-0.097	2.128	-0.146
0.148	-0.019	0.156	-0.027	0.170	0.007	0.184	0.045	2.125	-0.142	2.139	-0.108	2.157	-0.082	2.170	-0.146	2.182	-0.199
0.197	0.052	0.210	0.030	0.221	0.001	0.234	-0.031	2.163	-0.192	2.179	-0.165	2.204	-0.055	2.215	0.073	2.227	-0.126
0.253	-0.031	0.264	-0.073	0.274	-0.130	0.285	-0.145	2.227	0.126	2.236	0.058	2.247	0.020	2.255	-0.022	2.267	-0.073
0.294	-0.115	0.305	-0.033	0.315	0.051	0.325	0.115	2.267	0.005	2.281	0.031	2.298	0.050	2.313	0.095	2.325	-0.146
0.336	0.126	0.347	0.099	0.362	0.072	0.372	0.034	2.327	0.118	2.339	0.076	2.348	0.004	2.359	-0.065	2.371	-0.126
0.386	-0.023	0.394	-0.063	0.403	-0.095	0.416	-0.073	2.364	-0.095	2.372	-0.061	2.381	-0.026	2.392	0.102	2.404	-0.159
0.429	-0.005	0.439	0.063	0.452	0.105	0.461	0.112	2.403	0.136	2.412	0.094	2.426	-0.054	2.439	0.191	2.451	-0.246
0.469	0.089	0.480	0.025	0.488	-0.021	0.494	-0.044	2.446	-0.236	2.459	-0.206	2.473	-0.078	2.482	0.002	2.494	-0.054
0.504	-0.025	0.519	0.020	0.528	0.024	0.537	-0.002	2.493	0.039	2.503	0.013	2.519	-0.078	2.531	-0.139	2.543	-0.203
0.550	-0.063	0.563	-0.128	0.574	-0.094	0.581	-0.022	2.543	-0.177	2.559	-0.147	2.577	-0.082	2.593	-0.033	2.605	-0.089
0.605	0.016	0.615	0.000	0.625	-0.034	0.633	-0.053	2.610	-0.006	2.626	-0.025	2.642	-0.056	2.665	-0.019	2.677	-0.064
0.646	-0.031	0.671	0.018	0.688	0.047	0.704	0.058	2.678	0.044	2.689	0.036	2.700	-0.097	2.722	-0.048	2.734	-0.104
0.722	0.046	0.736	0.008	0.748	-0.083	0.761	-0.150	2.742	-0.002	2.764	-0.048	2.783	-0.078	2.794	-0.044	2.806	-0.094
0.771	-0.194	0.783	-0.175	0.797	-0.134	0.808	-0.108	2.808	0.051	2.821	0.130	2.836	0.202	2.849	0.278	2.861	-0.324
0.824	-0.128	0.839	-0.098	0.854	-0.068	0.868	-0.042	2.860	0.339	2.873	0.369	2.884	0.331	2.899	0.210	2.910	-0.124
0.882	-0.133	0.894	-0.148	0.906	-0.088	0.919	-0.042	2.909	0.070	2.922	-0.014	2.940	-0.067	2.955	-0.124	2.967	-0.174
0.929	-0.031	0.942	-0.061	0.955	-0.081	0.971	-0.031	2.969	-0.181	2.980	-0.216	2.994	-0.189	3.010	-0.167	3.021	-0.214
0.985	0.056	0.997	0.128	1.008	0.150	1.021	0.124	3.024	-0.216	3.038	-0.274	3.051	-0.011	3.064	-0.274	3.076	-0.324
1.032	0.109	1.053	0.124	1.064	0.113	1.077	0.071	3.081	-0.202	3.095	-0.107	3.105	0.011	3.116	0.143	3.128	-0.199
1.087	0.045	1.103	0.064	1.120	0.068	1.131	0.004	3.125	0.249	3.145	0.333	3.157	0.299	3.175	0.227	3.187	-0.277
1.144	-0.087	1.151	-0.152	1.159	-0.167	1.169	-0.141	3.192	-0.170	3.205	-0.121	3.218	-0.026	3.227	-0.080	3.239	-0.130
1.185	-0.099	1.197	-0.059	1.212	-0.111	1.225	-0.152	3.237	0.155	3.245	0.174	3.255	0.144	3.267	-0.049	3.279	-0.100
1.238	-0.111	1.251	-0.046	1.267	0.007	1.279	0.033	3.280	-0.007	3.289	-0.049	3.297	-0.144	3.305	-0.242	3.317	-0.293
1.293	-0.001	1.307	-0.039	1.330	-0.001	1.331	0.063	3.310	-0.356	3.318	-0.459	3.327	-0.488	3.339	-0.458	3.351	-0.509
1.341	0.139	1.352	0.180	1.363	0.142	1.376	0.063	3.351	-0.355	3.360	-0.208	3.369	-0.071	3.380	0.027	3.391	0.078
1.390	-0.009	1.403	-0.040	1.418	-0.036	1.434	-0.059	3.353	0.053	3.407	0.076	3.419	0.046	3.427	-0.011	3.439	-0.062
1.448	-0.120	1.457	-0.169	1.466	-0.200	1.479	-0.162	3.449	-0.052	3.450	-0.003	3.461	0.088	3.471	0.194	3.483	-0.245
1.492	-0.079	1.504	0.038	1.516	0.190	1.532	0.254	3.480	0.250	3.493	0.262	3.507	0.140	3.519	0.140	3.531	0.140
1.541	0.212	1.554	0.117	1.562	0.034	1.569	-0.004	3.531	0.004	3.542	-0.117	3.549	-0.174	3.555	-0.197	3.567	-0.248
1.584	0.030	1.600	0.063	1.611	0.021	1.622	-0.059	3.566	-0.171	3.578	-0.133	3.589	-0.106	3.603	-0.066	3.615	-0.116
1.632	-0.119	1.643	-0.142	1.658	-0.124	1.678	-0.106	3.616	-0.167	3.631	-0.194	3.642	-0.168	3.657	-0.096	3.669	-0.146
1.689	-0.095	1.699	-0.125	1.710	-0.213	1.722	-0.281	3.669	-0.132	3.683	0.109	3.695	0.260	3.707	0.355	3.719	0.450
1.732	-0.327	1.743	-0.312	1.761	-0.275	1.777	-0.264	3.720	0.385	3.734	0.354	3.752	0.252	3.770	0.153	3.782	0.053
1.788	-0.207	1.803	-0.057	1.816	0.092	1.824	0.186	3.787	0.070	3.807	0.048	3.821	-0.147	3.834	-0.219	3.846	-0.289
1.835	0.209	1.845	0.178	1.854	0.102	1.865	0.038	3.842	-0.242	3.851	-0.212	3.865	-0.121	3.879	-0.011	3.891	0.080
1.871	0.007	1.884	0.041	1.903	0.109	1.915	0.140	3.893	0.087	3.908	0.136	3.918	0.144	3.930	0.113	3.942	0.063
1.933	0.101	1.954	0.116	1.964	0.116	1.976	0.082	3.942	0.022	3.954	-0.084	3.964	-0.152	3.973	-0.134	3.983	-0.203

3.984	-0.062	3.993	0.029	4.001	0.135	4.012	0.169	6.628	0.085	6.636	0.233	6.646	0.271	6.655	0.226
4.022	-0.143	4.030	0.033	4.038	-0.115	4.046	-0.228	6.664	0.082	6.672	-0.111	6.681	-0.164	6.693	-0.126
4.056	-0.304	4.066	-0.281	4.077	-0.209	4.090	-0.137	6.701	-0.028	6.712	0.032	6.719	0.090	6.730	0.041
4.106	-0.099	4.118	-0.110	4.128	-0.125	4.143	-0.103	6.738	-0.072	6.751	-0.114	6.762	-0.087	6.776	-0.049
4.157	-0.087	4.171	-0.110	4.186	-0.155	4.197	-0.185	6.788	0.091	6.799	0.033	6.815	-0.098	6.827	-0.166
4.216	-0.200	4.234	-0.208	4.245	-0.196	4.258	-0.128	6.839	-0.173	6.854	-0.173	6.870	-0.184	6.881	-0.184
4.268	-0.001	4.281	0.195	4.293	0.396	4.302	0.487	6.893	-0.123	6.906	-0.021	6.918	0.123	6.931	0.211
4.316	0.521	4.325	0.487	4.341	0.396	4.355	0.272	6.946	0.268	6.960	0.233	6.972	0.257	6.985	0.132
4.367	0.188	4.383	0.101	4.393	0.056	4.403	-0.012	6.994	-0.020	7.003	-0.194	7.013	-0.238	7.022	-0.334
4.417	-0.053	4.436	-0.076	4.449	-0.125	4.461	-0.231	7.033	-0.296	7.044	-0.186	7.054	-0.037	7.061	0.098
4.470	-0.337	4.478	-0.413	4.487	-0.447	4.498	-0.412	7.074	0.163	7.085	0.117	7.094	0.030	7.108	-0.197
4.510	-0.329	4.522	-0.238	4.532	-0.181	4.547	-0.150	7.119	-0.262	7.130	-0.303	7.145	-0.307	7.155	-0.239
4.560	-0.112	4.570	-0.010	4.581	0.108	4.590	0.187	7.163	-0.102	7.171	0.057	7.177	0.235	7.189	0.329
4.602	-0.214	4.612	0.169	4.621	0.070	4.632	-0.036	7.199	0.360	7.208	0.314	7.216	0.208	7.227	0.095
4.646	-0.093	4.659	-0.055	4.670	0.017	4.681	0.116	7.238	0.034	7.252	0.000	7.263	-0.019	7.274	0.037
4.696	0.158	4.711	0.108	4.724	0.074	4.735	0.108	7.283	0.141	7.295	0.330	7.304	0.425	7.318	0.467
4.750	0.177	4.764	0.215	4.780	0.169	4.794	0.010	7.326	0.422	7.337	0.213	7.349	-0.063	7.358	-0.294
4.806	-0.138	4.819	-0.278	4.829	-0.324	4.840	-0.286	7.365	-0.362	7.377	-0.232	7.388	-0.229	7.400	-0.077
4.853	-0.184	4.864	-0.040	4.877	0.070	4.884	0.081	7.417	0.082	7.438	0.177	7.449	0.132	7.461	-0.066
4.894	0.050	4.901	0.001	4.915	-0.067	4.923	-0.094	7.471	-0.315	7.481	-0.489	7.495	-0.557	7.508	-0.489
4.930	-0.064	4.947	-0.030	4.960	-0.053	4.970	-0.091	7.526	-0.330	7.535	-0.129	7.544	0.084	7.555	0.201
4.977	-0.106	4.985	-0.059	4.994	0.049	5.001	0.170	7.567	0.239	7.576	0.190	7.587	0.065	7.601	-0.006
5.009	0.299	5.018	0.329	5.027	0.268	5.035	0.135	7.610	-0.044	7.626	0.002	7.639	0.051	7.652	0.134
5.044	-0.035	5.055	-0.111	5.063	-0.096	5.075	-0.043	7.664	0.149	7.673	0.100	7.683	-0.014	7.700	-0.150
5.089	-0.005	5.105	-0.028	5.115	-0.047	5.125	-0.013	7.713	-0.211	7.725	-0.165	7.737	-0.071	7.751	0.058
5.138	0.055	5.151	0.116	5.165	0.131	5.178	0.108	7.763	0.141	7.773	0.168	7.785	0.130	7.793	0.005
5.195	0.048	5.212	-0.040	5.222	-0.115	5.235	-0.184	7.804	-0.162	7.814	-0.314	7.825	-0.374	7.834	-0.378
5.247	-0.222	5.259	-0.233	5.270	-0.210	5.284	-0.195	7.846	-0.325	7.856	-0.272	7.869	-0.204	7.880	-0.033
5.297	-0.195	5.308	-0.217	5.318	-0.229	5.327	-0.187	7.889	0.050	7.898	0.190	7.906	0.266	7.918	-0.304
5.339	-0.137	5.351	-0.099	5.360	-0.095	5.366	-0.137	7.927	0.258	7.936	0.107	7.947	-0.030	7.957	-0.098
5.374	-0.209	5.381	-0.222	5.388	-0.353	5.394	-0.375	7.965	-0.113	7.975	-0.079	7.988	-0.007	7.999	0.054
5.403	-0.330	5.412	-0.292	5.421	-0.095	5.431	0.049	8.010	0.080	8.022	0.054	8.035	-0.029	8.049	-0.101
5.440	0.156	5.453	0.194	5.465	0.148	5.475	0.073	8.066	-0.127	8.081	-0.097	8.101	-0.028	8.122	0.039
5.486	-0.033	5.498	-0.155	5.507	-0.227	5.518	-0.264	8.139	0.059	8.155	0.071	8.169	0.041	8.184	-0.020
5.529	-0.227	5.538	-0.166	5.547	-0.033	5.556	0.114	8.199	-0.098	8.212	-0.133	8.226	-0.102	8.238	-0.019
5.563	0.270	5.572	0.346	5.582	0.368	5.592	0.330	8.248	0.118	8.256	0.239	8.274	0.315	8.283	0.277
5.597	0.274	5.609	0.220	5.615	0.205	5.627	0.239	8.305	-0.059	8.317	-0.230	8.326	-0.328	8.336	-0.210
5.640	0.289	5.653	0.266	5.667	0.213	5.680	0.171	8.333	-0.354	8.346	-0.332	8.361	-0.271	8.376	-0.210
5.698	0.160	5.718	0.137	5.730	0.099	5.746	0.034	8.385	-0.153	8.396	-0.066	8.409	0.033	8.419	0.079
5.762	-0.034	5.774	-0.087	5.791	-0.133	5.809	-0.155	8.430	0.087	8.441	0.125	8.453	0.167	8.465	0.194
5.823	-0.174	5.838	-0.201	5.853	-0.209	5.870	-0.209	8.476	0.179	8.484	0.160	8.494	0.138	8.508	0.187
5.885	-0.216	5.900	-0.201	5.916	-0.201	5.933	-0.246	8.521	0.203	8.534	0.169	8.542	0.135	8.557	0.086
5.947	-0.281	5.960	-0.246	5.974	-0.159	5.985	-0.076	8.568	0.083	8.588	0.049	8.599	-0.038	8.607	-0.109
5.998	0.004	6.009	0.106	6.018	0.242	6.029	0.379	8.615	-0.132	8.626	-0.090	8.636	-0.018	8.644	0.058
6.040	0.523	6.054	0.583	6.067	0.545	6.076	0.473	8.655	0.104	8.668	0.089	8.682	0.067	8.693	0.108
6.087	0.424	6.102	0.371	6.112	0.291	6.123	0.155	8.705	0.174	8.717	0.223	8.731	0.223	8.746	0.205
6.134	-0.004	6.142	-0.133	6.150	-0.221	6.159	-0.255	8.764	0.204	8.781	0.140	8.796	0.056	8.814	-0.054
6.170	-0.236	6.183	-0.224	6.193	-0.214	6.203	-0.350	8.830	-0.162	8.843	-0.236	8.856	-0.279	8.869	-0.240
6.214	-0.410	6.221	-0.437	6.233	-0.407	6.247	-0.339	8.883	-0.122	8.898	0.002	8.909	0.066	8.918	0.078
6.259	-0.312	6.270	-0.327	6.282	-0.369	6.295	-0.369	8.926	-0.051	8.940	-0.055	8.950	-0.166	8.961	-0.211
6.305	-0.096	6.316	-0.169	6.326	-0.052	6.340	0.039	8.971	-0.200	8.989	-0.128	8.993	0.042	9.002	0.163
6.356	0.096	6.367	0.118	6.379	0.095	6.392	0.069	9.011	-0.220	9.029	0.242	9.045	0.215	9.057	0.143
6.411	0.099	6.433	0.155	6.451	0.227	6.464	0.295	9.048	-0.052	9.057	0.007	9.071	0.003	9.084	-0.005
6.480	0.321	6.494	0.253	6.507	0.162	6.518	0.060	9.097	-0.042	9.109	-0.057	9.127	-0.008	9.139	0.030
6.532	-0.013	6.546	-0.047	6.561	-0.104	6.573	-0.172	9.148	0.049	9.160	0.011	9.172	-0.049	9.186	-0.102
6.585	-0.218	6.595	-0.237	6.606	-0.199	6.617	-0.065	9.197	-0.132	9.213	-0.113	9.223	-0.071	9.239	-0.018

9.256	0.021	5.269	-0.009	9.282	-0.031	5.300	-0.038	12.332	0.054	12.346	0.072	12.355	0.066	12.376	0.058
9.313	-0.060	9.326	-0.098	9.336	-0.112	9.349	-0.063	12.391	0.058	12.406	0.047	12.424	-0.007	12.440	0.020
9.363	0.010	9.380	0.052	9.392	0.011	9.406	-0.042	12.457	0.084	12.473	0.134	12.488	0.107	12.494	0.080
9.417	-0.068	9.434	0.072	9.452	-0.064	9.464	-0.010	12.502	0.046	12.505	0.001	12.513	-0.056	12.525	-0.113
9.476	0.081	9.490	0.180	9.501	0.214	9.514	0.203	12.540	-0.143	12.542	-0.109	12.564	-0.090	12.592	-0.101
9.527	0.192	9.544	0.238	9.551	0.276	9.573	0.276	12.610	-0.049	12.629	-0.044	12.639	-0.025	12.651	0.073
9.588	0.239	9.599	0.174	9.608	0.079	9.617	-0.019	12.658	0.190	12.680	0.217	12.691	0.191	12.694	0.157
9.623	-0.102	9.633	-0.163	9.648	-0.220	9.660	-0.243	12.702	0.096	12.705	0.047	12.710	-0.010	12.716	-0.067
9.678	-0.212	9.693	-0.140	9.705	-0.065	9.721	-0.016	12.724	-0.116	12.732	-0.176	12.738	-0.173	12.771	0.082
9.734	0.007	9.748	0.004	9.765	0.030	9.782	0.057	12.795	0.032	12.810	0.055	12.838	0.047	12.852	0.021
9.793	0.023	9.803	-0.068	9.813	-0.140	9.823	-0.174	12.887	0.051	12.909	0.032	12.922	0.005	12.941	-0.082
9.835	-0.159	9.847	-0.106	9.857	-0.046	9.870	-0.019	12.958	-0.097	12.964	-0.074	12.981	0.036	12.997	0.131
9.892	-0.038	9.914	-0.034	9.932	-0.034	9.950	-0.004	13.014	0.187	13.024	0.123	13.034	0.062	13.046	-0.055
9.964	0.068	9.982	0.106	9.996	0.079	10.010	0.049	13.055	-0.127	13.061	-0.218	13.071	-0.222	13.085	-0.176
10.031	0.053	10.048	0.045	10.066	0.057	10.082	0.113	13.096	-0.089	13.107	0.006	13.114	0.093	13.131	0.143
10.099	0.136	10.111	0.121	10.128	0.075	10.142	0.045	13.138	0.109	13.150	0.026	13.152	-0.024	13.165	-0.149
10.158	-0.000	10.166	-0.015	10.190	0.026	10.194	0.057	13.176	-0.190	13.191	-0.209	13.205	-0.172	13.207	-0.130
10.207	0.034	10.218	-0.027	10.232	-0.094	10.248	-0.128	13.213	-0.047	13.219	0.048	13.234	-0.225	13.249	0.225
10.262	-0.151	10.279	-0.196	10.291	-0.211	10.305	-0.150	13.261	0.164	13.280	0.058	13.294	-0.022	13.307	0.075
10.323	-0.093	10.341	-0.077	10.359	-0.043	10.375	0.034	13.326	-0.087	13.341	-0.031	13.353	0.018	13.367	0.060
10.391	0.099	10.400	0.110	10.413	0.077	10.425	-0.002	13.378	0.034	13.392	-0.035	13.406	-0.122	13.427	-0.137
10.434	-0.074	10.442	-0.100	10.453	-0.036	10.461	0.014	13.453	-0.034	13.470	0.019	13.484	0.068	13.515	0.133
10.467	0.071	10.473	0.139	10.481	0.208	10.493	0.246	13.540	0.160	13.571	0.103	13.582	0.073	13.602	-0.010
10.493	0.246	10.507	0.224	10.512	0.179	10.526	-0.014	13.630	-0.040	13.652	-0.108	13.666	-0.119	13.685	-0.119
10.541	-0.082	10.551	-0.123	10.569	-0.092	10.596	0.006	13.705	-0.066	13.735	-0.036	13.762	-0.028	13.772	0.037
10.612	0.036	10.628	0.002	10.647	-0.018	10.672	0.089	13.789	0.135	13.793	0.162	13.795	0.200	13.809	0.181
10.687	0.112	10.701	0.059	10.717	-0.055	10.732	-0.157	13.823	0.158	13.839	0.113	13.834	0.044	13.844	-0.024
10.748	-0.191	10.768	-0.194	10.783	-0.175	10.806	-0.080	13.860	-0.107	13.868	-0.133	13.886	-0.114	13.887	-0.114
10.824	0.009	10.836	0.112	10.852	0.178	10.867	0.164	13.904	-0.073	13.928	0.026	13.938	0.034	13.959	0.007
10.880	0.150	10.891	0.152	10.892	0.152	10.912	0.188	13.974	0.031	13.991	-0.076	13.997	-0.068	14.018	-0.000
10.918	0.196	10.924	0.219	10.931	0.220	10.937	0.198	14.038	0.037	14.061	-0.046	14.070	-0.122	14.088	-0.148
10.946	0.172	10.952	0.092	10.961	0.035	10.973	0.052	14.096	-0.141	14.111	-0.099	14.135	-0.005	14.150	0.022
10.986	-0.098	11.004	-0.113	11.027	-0.136	11.040	-0.140	14.174	0.078	14.200	0.033	14.223	-0.028	14.234	-0.055
11.057	-0.076	11.065	-0.038	11.075	-0.015	11.096	-0.053	14.250	-0.017	14.281	-0.017	14.269	0.059	14.287	0.134
11.112	-0.129	11.119	-0.141	11.135	-0.179	11.144	-0.156	14.312	0.168	14.340	-0.141	14.365	0.069	14.384	0.061
11.161	-0.081	11.166	-0.012	11.183	0.090	11.196	0.165	14.402	0.058	14.417	-0.034	14.446	-0.087	14.465	-0.110
11.218	0.146	11.232	0.085	11.245	0.032	11.275	-0.003	14.483	-0.167	14.505	-0.156	14.524	-0.035	14.541	0.037
11.303	0.016	11.320	0.080	11.341	0.083	11.361	0.064	14.572	0.033	14.592	-0.024	14.597	-0.035	14.631	0.071
11.376	-0.008	11.397	-0.013	11.419	0.013	11.436	0.047	14.651	0.055	14.657	0.010	14.677	-0.062	14.694	-0.066
11.450	0.065	11.483	0.049	11.483	0.049	11.484	0.049	14.706	-0.058	14.730	-0.062	14.743	-0.074	14.761	-0.036
11.494	-0.008	11.514	-0.138	11.530	-0.195	11.544	-0.157	14.787	0.043	14.803	0.051	14.815	0.039	14.823	0.013
11.573	0.077	11.585	0.122	11.596	0.129	11.601	0.083	14.850	0.013	14.874	0.099	14.891	0.103	14.913	0.103
11.612	-0.023	11.620	-0.114	11.627	-0.205	11.635	-0.236	14.919	0.057	14.935	-0.030	14.943	-0.072	14.955	-0.083
11.642	-0.244	11.649	-0.214	11.653	-0.180	11.662	-0.100	14.966	-0.042	14.974	-0.042	14.997	-0.088	15.012	-0.088
11.670	0.002	11.678	0.127	11.689	0.168	11.703	0.179	15.036	-0.062	15.055	-0.043	15.076	-0.051	15.088	-0.063
11.715	0.156	11.733	0.099	11.748	0.073	11.764	0.057	15.105	0.058	15.121	0.092	15.134	0.134	15.156	0.114
11.788	0.103	11.807	0.159	11.815	0.186	11.834	0.148	15.159	0.114	15.160	0.114	15.160	0.114	15.177	0.057
11.847	0.113	11.848	0.113	11.867	0.057	11.888	-0.004	15.203	0.026	15.215	-0.001	15.248	-0.028	15.255	-0.059
11.903	-0.065	11.926	-0.182	11.936	-0.235	11.955	-0.243	15.331	-0.003	15.373	-0.003	15.373	0.002	15.381	0.030
11.976	-0.193	11.989	-0.156	12.016	-0.144	12.026	-0.114	15.395	0.071	15.411	0.048	15.423	0.025	15.449	-0.025
12.047	-0.042	12.074	0.060	12.082	0.101	12.089	0.147	15.464	-0.040	15.475	-0.014	15.503	-0.014	15.519	0.005
12.099	0.151	12.113	0.128	12.137	0.108	12.138	0.131	15.536	0.051	15.549	0.081	15.572	0.062	15.592	0.001
12.151	0.161	12.168	0.153	12.187	0.114	12.195	0.095	15.609	0.014	15.626	0.020	15.649	0.001	15.672	-0.089
12.217	0.155	12.226	0.139	12.244	0.101	12.250	0.036	15.684	-0.089	15.699	-0.097	15.717	-0.040	15.730	0.010
12.262	-0.059	12.274	-0.218	12.287	-0.252	12.296	-0.256	15.752	0.097	15.765	0.113	15.793	0.117	15.810	0.060
12.300	-0.249	12.309	-0.199	12.312	-0.143	12.320	-0.050	15.830	0.007	15.852	-0.034	15.869	-0.030	15.886	0.004



15.906	0.004	15.912	-0.037	15.922	-0.060	15.937	-0.058	15.950	0.005	15.956	-0.020	15.966	-0.035	15.978	0.020	15.986	0.005
15.950	-0.120	15.963	-0.060	15.975	-0.018	15.991	-0.007	15.999	-0.028	15.999	-0.032	15.999	-0.032	15.999	-0.032	15.999	-0.032
15.999	-0.014	16.000	-0.014	16.013	-0.025	16.035	-0.041	16.057	-0.041	16.074	-0.059	16.092	-0.077	16.119	-0.102	16.148	-0.126
16.135	0.001	16.168	0.085	16.193	0.127	16.215	0.169	16.241	0.215	16.268	0.268	16.293	0.325	16.351	0.393	16.401	0.441
16.241	0.093	16.268	0.047	16.293	0.043	16.321	0.077	16.342	0.111	16.361	0.145	16.384	0.179	16.401	0.215	16.420	0.248
16.342	0.085	16.361	0.111	16.384	0.145	16.401	0.179	16.420	0.215	16.439	0.252	16.458	0.286	16.477	0.314	16.496	0.341
16.411	0.125	16.421	0.157	16.448	0.191	16.461	0.225	16.470	0.252	16.489	0.286	16.507	0.314	16.526	0.341	16.545	0.366
16.470	0.022	16.489	-0.005	16.517	-0.001	16.541	-0.047	16.554	-0.085	16.562	-0.126	16.580	-0.169	16.598	-0.215	16.617	-0.261
16.554	-0.055	16.562	-0.025	16.585	0.054	16.591	0.085	16.607	0.126	16.620	0.169	16.638	0.215	16.656	0.261	16.675	0.307
16.607	0.126	16.620	0.169	16.638	0.215	16.656	0.261	16.675	0.307	16.693	0.352	16.712	0.401	16.731	0.441	16.750	0.480
16.643	0.000	16.657	-0.057	16.663	-0.087	16.673	-0.114	16.682	-0.141	16.693	-0.169	16.708	-0.203	16.727	-0.239	16.746	-0.275
16.692	-0.114	16.693	-0.114	16.708	-0.141	16.727	-0.169	16.746	-0.203	16.768	-0.239	16.790	-0.275	16.808	-0.314	16.825	-0.352
16.754	-0.021	16.768	-0.013	16.790	0.051	16.808	0.088	16.825	0.126	16.841	0.169	16.868	0.215	16.890	0.261	16.907	0.307
16.825	0.103	16.841	0.169	16.868	0.215	16.890	0.261	16.907	0.307	16.925	0.352	16.943	0.401	16.961	0.441	16.978	0.480
16.900	-0.029	16.907	-0.037	16.925	-0.021	16.943	0.032	16.961	0.088	16.978	0.141	16.996	0.199	17.014	0.252	17.032	0.307
16.957	0.028	16.964	0.028	16.972	0.013	16.989	0.021	17.007	0.047	17.025	0.077	17.043	0.114	17.061	0.157	17.079	0.203
17.012	0.055	17.019	0.055	17.046	-0.002	17.061	-0.047	17.079	-0.088	17.096	-0.126	17.114	-0.169	17.132	-0.215	17.150	-0.261
17.078	-0.070	17.087	-0.085	17.116	0.003	17.140	0.048	17.151	0.088	17.164	0.126	17.177	0.169	17.190	0.215	17.203	0.252
17.151	0.052	17.164	0.041	17.170	0.018	17.177	0.000	17.187	0.057	17.194	0.057	17.202	0.072	17.210	0.099	17.218	0.126
17.187	-0.031	17.194	-0.046	17.199	-0.057	17.202	-0.057	17.210	-0.072	17.218	-0.099	17.226	-0.126	17.234	-0.157	17.242	-0.185
17.214	-0.038	17.222	-0.008	17.234	0.030	17.243	0.057	17.255	0.095	17.275	0.132	17.294	0.169	17.311	0.203	17.328	0.248
17.255	0.095	17.275	0.132	17.294	0.169	17.311	0.203	17.328	0.248	17.345	0.286	17.362	0.325	17.379	0.366	17.396	0.401
17.311	-0.019	17.321	-0.037	17.326	-0.060	17.335	-0.056	17.345	-0.047	17.358	-0.037	17.374	-0.025	17.384	-0.013	17.396	0.000
17.352	-0.037	17.358	-0.000	17.374	0.035	17.384	0.042	17.396	0.077	17.414	0.114	17.432	0.157	17.449	0.203	17.467	0.248
17.402	0.027	17.414	-0.007	17.422	-0.011	17.432	-0.007	17.449	0.000	17.467	0.030	17.485	0.069	17.503	0.103	17.521	0.141
17.450	0.012	17.461	0.027	17.479	0.027	17.494	0.016	17.509	0.004	17.523	-0.030	17.535	-0.064	17.548	-0.079	17.561	-0.095
17.509	0.004	17.523	-0.030	17.535	-0.064	17.548	-0.079	17.561	-0.095	17.575	-0.126	17.588	-0.157	17.594	-0.185	17.607	-0.215
17.559	-0.075	17.568	-0.041	17.582	-0.015	17.594	-0.003	17.607	0.000	17.623	0.030	17.642	0.069	17.661	0.103	17.679	0.141
17.623	-0.052	17.630	-0.028	17.642	-0.052	17.654	-0.015	17.661	0.000	17.679	0.030	17.698	0.069	17.718	0.103	17.737	0.141
17.667	0.008	17.685	0.027	17.703	0.027	17.718	0.016	17.737	0.044	17.754	0.084	17.768	0.095	17.780	0.103	17.792	0.114
17.733	0.035	17.745	0.061	17.754	0.084	17.768	0.095	17.780	0.103	17.792	0.114	17.805	0.126	17.816	0.141	17.828	0.157
17.775	0.080	17.786	0.065	17.798	0.050	17.805	0.050	17.816	0.065	17.828	0.084	17.841	0.103	17.854	0.126	17.867	0.141
17.816	0.065	17.816	0.065	17.841	0.080	17.854	0.103	17.867	0.126	17.880	0.141	17.892	0.157	17.905	0.179	17.918	0.199
17.860	0.023	17.863	-0.015	17.875	-0.030	17.880	-0.060	17.892	-0.088	17.905	-0.126	17.918	-0.169	17.931	-0.215	17.944	-0.261
17.891	-0.072	17.909	-0.057	17.930	-0.026	17.950	-0.019	17.963	-0.009	17.978	0.000	17.996	0.030	18.014	0.069	18.032	0.103
17.980	-0.004	17.999	-0.008	18.010	0.003	18.024	0.011	18.032	0.030	18.049	0.069	18.067	0.103	18.085	0.141	18.103	0.179
18.043	0.026	18.059	0.041	18.068	0.037	18.085	0.033	18.093	0.011	18.103	-0.008	18.126	-0.065	18.136	-0.084	18.145	-0.103
18.093	0.011	18.103	-0.008	18.126	-0.065	18.136	-0.084	18.145	-0.103	18.157	-0.126	18.166	-0.141	18.179	-0.157	18.190	-0.169
18.151	-0.080	18.166	-0.062	18.181	-0.010	18.199	0.010	18.217	0.040	18.237	0.077	18.257	0.114	18.277	0.157	18.297	0.199
18.219	-0.006	18.238	0.033	18.252	0.055	18.270	0.055	18.288	0.084	18.306	0.126	18.326	0.169	18.346	0.215	18.366	0.261
18.292	0.021	18.305	-0.028	18.331	-0.021	18.355	-0.040	18.379	-0.054	18.403	-0.069	18.427	-0.084	18.451	-0.103	18.475	-0.126
18.371	-0.051	18.399	-0.006	18.415	0.043	18.431	0.085	18.449	0.126	18.467	0.169	18.485	0.215	18.503	0.261	18.521	0.307
18.451	0.115	18.465	0.119	18.489	0.085	18.507	0.035	18.526	-0.014	18.545	-0.037	18.564	-0.069	18.583	-0.103	18.602	-0.141
18.527	-0.022	18.541	-0.037	18.550	-0.037	18.564	-0.014	18.579	-0.009	18.598	0.039	18.613	0.085	18.629	0.126	18.645	0.169
18.599	0.039	18.599	0.039	18.613	0.085	18.629	0.126	18.645	0.169	18.661	0.215	18.677	0.261	18.693	0.307	18.709	0.352
18.642	-0.136	18.666	-0.083	18.693	-0.056	18.728	0.004	18.762	0.027	18.790	0.080	18.813	0.126	18.837	0.169	18.861	0.215
18.762	0.027	18.790	0.080	18.813	0.126	18.837	0.169	18.861	0.215	18.887	0.261	18.911	0.307	18.935	0.352	18.959	0.401
18.870	0.099	18.907	-0.053	18.948	-0.103	19.004	-0.157	19.043	-0.215	19.089	-0.261	19.135	-0.307	19.181	-0.352	19.227	-0.401
18.934	-0.099	18.948	-0.103	19.004	-0.157	19.043	-0.215	19.089	-0.261	19.135	-0.307	19.181	-0.352	19.227	-0.401	19.273	-0.441
19.043	0.042	19.051	0.076	19.065	0.083	19.079	0.095	19.093	0.103	19.107	0.114	19.121	0.126	19.135	0.141	19.149	0.157
19.075	0.095	19.089	0.103	19.107	0.114	19.121	0.126	19.135	0.141	19.149	0.157	19.163	0.169	19.177	0.185	19.191	0.199
19.111	-0.023	19.121	-0.016	19.135	-0.007	19.142	-0.030	19.155	-0.052	19.163	-0.077	19.177	-0.103	19.191	-0.126	19.205	-0.141
19.150	-0.056	19.155	-0.052	19.163	-0.077	19.177	-0.103	19.191	-0.126	19.205	-0.141	19.219	-0.169	19.233	-0.199	19.247	-0.239
19.184	-0.008	19.190	-0.008	19.201	-0.018	19.205	-0.007	19.219	-0.030	19.233	-0.060	19.247	-0.095	19.261	-0.126	19.275	-0.169
19.214	-0.026	19.228	-0.037	19.237	-0.029	19.246	-0.007	19.255	-0.040	19.264	-0.077	19.273	-0.114	19.282	-0.157	19.291	-0.203

23.817	0.001	23.842	-0.029	23.869	0.016	23.887	0.043
23.911	0.023	22.931	0.004	23.965	0.027	23.993	0.026
24.015	0.022	24.043	-0.030	24.064	-0.039	24.093	-0.013
24.129	0.021	24.152	0.020	24.176	0.012	24.208	0.035
24.234	0.031	24.252	0.026	24.276	0.030	24.299	-0.008
24.318	-0.028	24.345	-0.009	24.358	0.006	24.384	-0.029
24.410	-0.048	24.442	-0.059	24.468	-0.041	24.502	0.016
24.523	0.001	24.537	-0.003	24.572	0.039	24.602	0.011
24.642	-0.015	24.672	-0.019	24.709	0.015	24.733	-0.007
24.756	-0.011	24.790	0.019	24.826	0.046	24.855	0.035
24.879	0.023	24.898	0.027	24.929	0.028	24.959	-0.002
24.989	-0.021	25.006	-0.025	25.046	0.025	25.070	0.017
25.098	0.036	25.122	0.032	25.148	0.082	25.190	0.037
25.214	0.029	25.250	-0.039	25.292	0.003	25.322	-0.004
25.349	-0.008	25.381	0.034	25.404	0.049	25.432	0.045
25.473	0.011	25.507	0.042	25.532	0.023	25.555	-0.015
25.573	-0.034	25.601	-0.004	25.630	0.023	25.658	0.007
25.674	-0.004	25.716	0.026	25.748	0.018	25.776	0.037
25.800	0.014	25.819	-0.008	25.847	0.022	25.869	0.033
25.886	0.052	25.908	0.021	25.934	0.002	25.954	0.006
25.987	0.013	26.003	0.013	26.028	0.024	26.052	0.042
26.080	0.050	26.103	0.046	26.131	0.037	26.153	0.012
26.175	0.001	26.198	-0.030	26.220	-0.041	26.247	-0.019
26.277	0.015	26.304	0.038	26.332	0.049	26.364	0.049
26.397	0.015	26.428	-0.000	26.458	0.015	26.474	0.019
26.497	0.000	26.521	-0.022	26.572	0.023	26.596	0.016
26.620	0.001	26.652	-0.010	26.681	-0.003	26.708	0.058
26.735	0.024	26.766	-0.028	26.791	-0.032	26.819	0.014
26.846	0.059	26.879	0.029	26.913	0.056	26.944	-0.005
26.966	-0.035	26.994	-0.042	27.019	-0.054	27.056	-0.016
27.085	-0.019	27.121	0.030	27.151	0.053	27.173	0.068
27.204	0.026	27.223	0.011	27.263	0.049	27.296	0.019
27.319	0.007	27.353	0.034	27.384	0.011	27.417	-0.012
27.452	-0.049	27.492	-0.000	27.536	0.015	27.574	0.026
27.607	0.038	27.638	0.038	27.668	0.038	27.712	0.007
27.736	-0.012	27.781	0.004	27.816	-0.027	27.843	-0.042
27.879	0.007	27.910	0.042	27.949	0.045	27.979	0.015
28.013	0.030	28.048	0.007	28.078	-0.015	28.111	-0.004
28.145	-0.008	28.175	-0.030	28.212	0.004	28.238	0.012
28.262	0.027	28.286	0.057	28.314	0.057	28.344	0.054
28.370	0.027	28.398	-0.003	28.422	-0.044	28.437	-0.055
28.459	-0.021	28.482	0.002	28.511	-0.005	28.536	-0.001
28.567	0.015	28.605	0.038	28.620	0.031	28.652	0.001
28.693	0.029	28.733	0.011	28.776	0.012	28.800	0.012
28.832	-0.013	28.844	-0.017	28.872	0.029	28.897	0.060
28.934	0.041	28.966	0.065	28.990	0.073	29.026	0.020
29.054	-0.006	29.079	0.002	29.106	-0.009	29.133	0.022
29.154	0.033	29.182	0.018	29.211	0.011	29.245	-0.000
29.271	0.019	29.295	0.022	29.326	-0.000	29.363	-0.008
29.387	0.019	29.410	0.038	29.446	0.015	29.480	-0.004
29.504	0.023	29.525	0.042	29.557	0.015	29.580	0.015
29.605	0.019	29.626	0.004	29.656	-0.008	29.690	-0.015
29.710	-0.004	29.738	0.064	29.764	0.037	29.779	0.026
29.807	0.048	29.846	0.014	29.869	0.021	29.886	0.021
29.906	0.013	29.919	0.013	29.934	0.009	29.947	0.005
29.956	0.005						

71-068 2/9/71 0600PST SAN ANTONIO DAM, SAN ANTONIO DAM N75W

2510 POINTS 29.987 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1536 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.037	0.010	-0.021	0.014	-0.017	0.024	-0.037	0.044	-0.093	0.055	-0.081	0.061	-0.104	0.072	-0.137	0.082	-0.189
0.031	-0.057	0.038	-0.081	0.044	-0.093	0.055	-0.081	0.061	-0.104	0.072	-0.137	0.082	-0.189	0.090	-0.216	0.097	-0.252
0.065	-0.034	0.072	-0.036	0.080	-0.046	0.091	-0.066	0.101	-0.077	0.112	-0.092	0.123	-0.113	0.134	-0.134	0.145	-0.145
0.102	-0.045	0.110	-0.009	0.118	-0.027	0.126	-0.047	0.135	-0.066	0.144	-0.087	0.153	-0.108	0.162	-0.128	0.171	-0.158
0.136	-0.035	0.146	-0.021	0.155	-0.057	0.164	-0.128	0.173	-0.149	0.182	-0.170	0.191	-0.180	0.199	-0.167	0.208	-0.195
0.176	-0.136	0.184	-0.124	0.195	-0.060	0.208	-0.024	0.217	-0.085	0.226	-0.110	0.235	-0.131	0.244	-0.158	0.253	-0.172
0.218	-0.052	0.225	-0.060	0.235	-0.056	0.245	-0.040	0.254	-0.066	0.264	-0.080	0.273	-0.094	0.282	-0.108	0.291	-0.122
0.251	-0.045	0.260	-0.085	0.268	-0.121	0.277	-0.165	0.286	-0.209	0.295	-0.253	0.304	-0.301	0.313	-0.349	0.321	-0.386
0.282	-0.165	0.294	-0.157	0.300	-0.141	0.314	-0.130	0.328	-0.113	0.342	-0.095	0.356	-0.077	0.370	-0.059	0.384	-0.041
0.324	-0.094	0.338	-0.022	0.353	-0.049	0.366	-0.101	0.379	-0.153	0.392	-0.205	0.405	-0.257	0.418	-0.309	0.431	-0.360
0.377	0.108	0.386	-0.096	0.397	-0.064	0.406	-0.052	0.415	-0.040	0.424	-0.028	0.433	-0.016	0.442	-0.004	0.451	-0.002
0.420	-0.044	0.432	-0.011	0.445	-0.089	0.456	-0.153	0.467	-0.205	0.478	-0.257	0.489	-0.309	0.500	-0.360	0.511	-0.412
0.466	-0.185	0.478	-0.173	0.492	-0.114	0.506	-0.026	0.519	-0.066	0.532	-0.016	0.545	-0.004	0.558	-0.002	0.571	-0.001
0.518	0.025	0.533	-0.183	0.546	-0.164	0.556	-0.204	0.569	-0.225	0.582	-0.246	0.595	-0.267	0.608	-0.288	0.621	-0.309
0.566	0.220	0.577	-0.188	0.587	-0.096	0.600	-0.016	0.613	-0.066	0.626	-0.118	0.639	-0.169	0.652	-0.221	0.665	-0.273
0.610	-0.096	0.621	-0.140	0.632	-0.132	0.645	-0.101	0.658	-0.063	0.671	-0.013	0.684	-0.033	0.697	-0.085	0.710	-0.137
0.658	-0.095	0.669	-0.081	0.681	-0.065	0.701	-0.006	0.714	-0.017	0.727	-0.051	0.740	-0.085	0.753	-0.119	0.766	-0.153
0.714	0.022	0.726	-0.017	0.737	-0.019	0.746	-0.051	0.759	-0.085	0.772	-0.119	0.785	-0.153	0.798	-0.187	0.811	-0.221
0.751	-0.059	0.765	-0.043	0.775	-0.019	0.790	-0.016	0.803	-0.066	0.816	-0.118	0.829	-0.169	0.842	-0.221	0.855	-0.273
0.808	0.024	0.819	-0.032	0.833	-0.027	0.846	-0.023	0.859	-0.066	0.872	-0.118	0.885	-0.169	0.898	-0.221	0.911	-0.273
0.861	0.007	0.877	-0.031	0.895	-0.062	0.907	-0.038	0.920	-0.063	0.933	-0.085	0.946	-0.118	0.959	-0.153	0.972	-0.187
0.922	0.022	0.936	-0.018	0.943	-0.027	0.955	-0.015	0.968	-0.040	0.981	-0.073	0.994	-0.106	1.007	-0.139	1.020	-0.172
0.967	-0.011	0.977	-0.039	0.995	-0.075	1.006	-0.056	1.019	-0.090	1.032	-0.124	1.045	-0.158	1.058	-0.191	1.071	-0.224
1.022	0.012	1.036	-0.051	1.048	-0.043	1.059	-0.035	1.072	-0.068	1.085	-0.101	1.098	-0.134	1.111	-0.167	1.124	-0.199
1.072	0.067	1.087	-0.106	1.095	-0.110	1.106	-0.086	1.117	-0.117	1.124	-0.124	1.131	-0.131	1.138	-0.138	1.145	-0.145
1.119	-0.014	1.135	-0.117	1.145	-0.177	1.154	-0.197	1.164	-0.216	1.173	-0.235	1.183	-0.254	1.192	-0.273	1.202	-0.292
1.165	-0.190	1.183	-0.090	1.196	-0.078	1.204	-0.082	1.213	-0.091	1.222	-0.099	1.231	-0.108	1.240	-0.117	1.249	-0.126
1.218	-0.102	1.230	-0.079	1.242	-0.011	1.253	-0.053	1.264	-0.095	1.275	-0.137	1.286	-0.179	1.297	-0.221	1.308	-0.263
1.261	-0.069	1.269	-0.053	1.280	-0.007	1.289	-0.055	1.298	-0.103	1.307	-0.145	1.316	-0.187	1.325	-0.229	1.334	-0.271
1.295	-0.079	1.305	-0.052	1.316	-0.004	1.322	-0.008	1.328	-0.012	1.334	-0.016	1.340	-0.020	1.346	-0.024	1.352	-0.028
1.330	-0.098	1.342	-0.040	1.354	-0.056	1.370	-0.044	1.382	-0.062	1.394	-0.080	1.406	-0.098	1.418	-0.116	1.430	-0.134
1.386	-0.037	1.398	-0.013	1.409	-0.031	1.420	-0.087	1.431	-0.139	1.442	-0.181	1.453	-0.223	1.464	-0.265	1.475	-0.307
1.431	-0.095	1.443	-0.086	1.455	-0.062	1.463	-0.030	1.471	-0.099	1.480	-0.141	1.489	-0.183	1.498	-0.225	1.507	-0.267
1.477	0.022	1.484	-0.026	1.492	-0.006	1.504	-0.082	1.512	-0.124	1.520	-0.166	1.529	-0.208	1.538	-0.250	1.547	-0.292
1.518	-0.174	1.532	-0.214	1.550	-0.174	1.560	-0.098	1.569	-0.040	1.578	-0.082	1.587	-0.124	1.596	-0.166	1.605	-0.208
1.571	0.029	1.582	0.145	1.592	0.180	1.602	0.148	1.612	0.113	1.622	0.072	1.632	0.031	1.642	-0.010	1.652	-0.051
1.611	0.092	1.624	0.056	1.641	0.064	1.652	0.072	1.663	0.080	1.674	0.087	1.685	0.094	1.696	0.101	1.707	0.108
1.664	0.036	1.677	-0.072	1.684	-0.128	1.691	-0.148	1.698	-0.168	1.705	-0.188	1.712	-0.208	1.719	-0.228	1.726	-0.248
1.701	-0.121	1.720	-0.031	1.735	-0.128	1.745	-0.174	1.755	-0.216	1.765	-0.258	1.775	-0.300	1.785	-0.342	1.795	-0.384
1.759	-0.193	1.770	-0.121	1.782	-0.121	1.794	-0.065	1.806	-0.113	1.818	-0.155	1.830	-0.197	1.842	-0.239	1.854	-0.281
1.831	-0.069	1.843	-0.113	1.855	-0.155	1.867	-0.197	1.879	-0.239	1.891	-0.281	1.903	-0.323	1.915	-0.365	1.927	-0.407
1.900	-0.087	1.912	-0.127	1.924	-0.169	1.936	-0.211	1.948	-0.253	1.960	-0.295	1.972	-0.337	1.984	-0.379	1.996	-0.421
1.877	-0.087	1.889	-0.127	1.901	-0.169	1.913	-0.211	1.925	-0.253	1.937	-0.295	1.949	-0.337	1.961	-0.379	1.973	-0.421
1.854	-0.087	1.866	-0.127	1.878	-0.169	1.890	-0.211	1.902	-0.253	1.914	-0.295	1.926	-0.337	1.938	-0.379	1.950	-0.421
1.831	-0.087	1.843	-0.127	1.855	-0.169	1.867	-0.211	1.879	-0.253	1.891	-0.295	1.903	-0.337	1.915	-0.379	1.927	-0.421
1.808	-0.087	1.820	-0.127	1.832	-0.169	1.844	-0.211	1.856	-0.253	1.868	-0.295	1.880	-0.337	1.892	-0.379	1.904	-0.421
1.785	-0.087	1.797	-0.127	1.809	-0.169	1.821	-0.211	1.833	-0.253	1.845	-0.295	1.857	-0.337	1.869	-0.379	1.881	-0.421
1.762	-0.087	1.774	-0.127	1.786	-0.169	1.798	-0.211	1.810	-0.253	1.822	-0.295	1.834	-0.337	1.846	-0.379	1.858	-0.421
1.739	-0.087	1.751	-0.127	1.763	-0.169	1.775	-0.211	1.787	-0.253	1.799	-0.295	1.811	-0.337	1.823	-0.379	1.835	-0.421
1.716	-0.087	1.728	-0.127	1.740	-0.169	1.752	-0.211	1.764	-0.253	1.776	-0.295	1.788	-0.337	1.800	-0.379	1.812	-0.421
1.693	-0.087	1.705	-0.127	1.717	-0.169	1.729	-0.211	1.741	-0.253	1.753	-0.295	1.765	-0.337	1.777	-0.379	1.789	-0.421
1.670	-0.087	1.682	-0.127	1.694	-0.169	1.706	-0.211	1.718	-0.253	1.730	-0.295	1.742	-0.337	1.754	-0.379	1.766	-0.421
1.647	-0.087	1.659	-0.127	1.671	-0.169	1.683	-0.211	1.695	-0.253	1.707	-0.295	1.719	-0.337	1.731	-0.379	1.743	-0.421
1.624	-0.087	1.636	-0.127	1.648	-0.169	1.660	-0.211	1.672	-0.253	1.684	-0.295	1.696	-0.337	1.708	-0.379	1.720	-0.421
1.601	-0.087	1.613	-0.127	1.625	-0.169	1.637	-0.211	1.649	-0.253	1.661	-0.295	1.673	-0.337	1.685	-0.379	1.697	-0.421
1.578	-0.087	1.590	-0.127	1.602	-0.169	1.614	-0.211	1.626	-0.253	1.638	-0.295	1.650	-0.337	1.662	-0.379	1.674	-0.421
1.555	-0.087	1.567	-0.127	1.579	-0.169	1.591	-0.211	1.603	-0.253	1.615	-0.295	1.627	-0.337	1.639	-0.379	1.651	-0.421
1.532	-0.087	1.544	-0.127	1.556	-0.169	1.568	-0.211	1.580	-0.253	1.592	-0.295	1.604	-0.337	1.616	-0.379	1.628	-0.421
1.509	-0.087	1.521	-0.127	1.533	-0.169	1.545	-0.211	1.557	-0.253	1.569	-0.295	1.581	-0.337	1.593	-0.379	1.605	-0.421
1.486	-0.087	1.498	-0.127	1.510	-0.169	1.522	-0.211	1.534	-0.253	1.546	-0.295	1.558	-0.337	1.570	-0.379	1.582	-0.421
1.463	-0.087	1.475	-0.127	1.487	-0.169	1.499	-0.211	1.511	-0.253	1.523	-0.295	1.535	-0.337	1.547	-0.379	1.559	-0.421
1.440	-0.087	1.452	-0.127	1.464	-0.169	1.476	-0.211	1.488	-0.253	1.500	-0.295	1.512	-0.337	1.524	-0.379	1.536	-0.421
1.417	-0.087	1.429	-0.127	1.441	-0.169	1.453	-0.211	1.465	-0.253	1.477	-0.295	1.489	-0.337	1.501	-0.379	1.513	-0.421
1.394	-0.087	1.406	-0.127	1.418	-0.169	1.430	-0.211	1.442	-0.253	1.454	-0.295	1.466	-0.337	1.478	-0.379	1.490	-0.421
1.371	-0.087	1.383	-0.127	1.395	-0.169	1.407	-0.211	1.419	-0.253	1.431	-0.295	1.443	-0.337	1.455	-0.379	1.467	-0.421
1.348	-0.087	1.360	-0.127	1.372	-0.169	1.384	-0.211	1.396	-0.253	1.408	-0.295	1.420	-0.337	1.432	-0.379	1.444	-0.421
1.325	-0.087	1.337	-0.127	1.349	-0.169	1.361	-0.211	1.373	-0.253	1.385</							

3.740	0.296	3.752	0.169	3.764	-0.047	3.776	-0.242	6.417	0.296	6.431	0.220	6.446	0.168	6.461	0.187
3.785	-0.334	3.793	-0.374	3.803	-0.358	3.813	-0.287	6.476	0.215	6.487	0.195	6.503	0.147	6.517	0.091
3.819	-0.231	3.830	-0.119	3.834	-0.096	3.841	-0.088	6.536	0.059	6.548	-0.029	6.563	-0.193	6.577	-0.332
3.847	-0.108	3.858	-0.176	3.866	-0.228	3.873	-0.244	6.590	-0.412	6.603	-0.436	6.614	-0.436	6.628	-0.397
3.879	-0.224	3.887	-0.160	3.899	0.075	3.910	0.267	6.643	-0.261	6.651	-0.158	6.666	-0.034	6.679	0.070
3.918	0.294	3.926	0.446	3.934	0.450	3.940	0.422	6.687	0.145	6.695	0.161	6.703	0.133	6.719	0.009
3.950	0.396	3.959	0.442	3.966	0.003	3.973	-0.077	6.732	-0.074	6.741	-0.098	6.752	-0.059	6.764	0.077
3.981	-0.121	3.994	-0.129	4.007	-0.153	4.017	-0.205	6.774	0.196	6.786	0.236	6.796	0.172	6.806	0.117
4.025	-0.249	4.035	-0.269	4.047	-0.234	4.058	-0.114	6.814	-0.067	6.825	-0.115	6.836	-0.051	6.850	0.148
4.070	0.033	4.081	0.157	4.090	0.221	4.102	0.273	6.865	0.376	6.874	0.472	6.889	0.499	6.902	0.460
4.116	0.304	4.124	0.308	4.135	0.276	4.148	0.184	6.914	0.360	6.926	0.168	6.937	-0.003	6.945	-0.063
4.162	0.093	4.174	0.041	4.185	0.057	4.198	0.092	6.953	-0.079	6.964	-0.055	6.973	-0.051	6.986	-0.095
4.209	0.128	4.219	0.124	4.227	0.064	4.242	-0.084	7.000	-0.214	7.012	-0.358	7.024	-0.494	7.032	-0.557
4.253	-0.277	4.265	-0.255	4.272	-0.271	4.283	-0.231	7.039	-0.577	7.049	-0.538	7.059	-0.370	7.071	-0.143
4.295	-0.116	4.308	0.016	4.321	0.131	4.331	0.211	7.081	0.097	7.091	0.252	7.109	0.320	7.120	0.292
4.341	0.239	4.352	0.179	4.361	0.343	4.370	-0.152	7.135	0.208	7.150	0.029	7.160	0.097	7.174	-0.139
4.380	-0.332	4.390	-0.427	4.399	-0.459	4.409	-0.423	7.185	-0.115	7.201	0.045	7.210	0.184	7.223	0.356
4.420	-0.284	4.431	-0.100	4.438	-0.041	4.446	-0.029	7.232	0.456	7.239	0.468	7.247	0.420	7.262	0.172
4.454	-0.041	4.462	-0.061	4.473	-0.041	4.485	0.083	7.274	-0.119	7.283	-0.246	7.294	-0.306	7.306	-0.262
4.498	0.290	4.508	0.490	4.515	0.573	4.527	0.601	7.315	-0.179	7.326	-0.011	7.341	0.268	7.347	0.347
4.538	0.569	4.548	0.473	4.560	0.362	4.570	0.302	7.356	0.359	7.366	0.331	7.379	0.184	7.393	-0.036
4.583	0.266	4.601	0.274	4.616	0.278	4.629	0.226	7.405	-0.171	7.415	-0.195	7.425	-0.152	7.441	0.004
4.640	0.130	4.652	-0.041	4.664	-0.245	4.674	-0.337	7.452	0.159	7.464	0.215	7.475	-0.163	7.490	0.031
4.684	-0.389	4.691	-0.397	4.706	-0.341	4.717	-0.305	7.502	-0.148	7.521	-0.252	7.536	-0.296	7.550	-0.272
4.723	-0.297	4.733	-0.345	4.749	-0.501	4.759	-0.628	7.565	-0.153	7.577	-0.005	7.590	0.190	7.601	0.262
4.769	-0.684	4.777	-0.648	4.788	-0.481	4.796	-0.194	7.609	0.274	7.620	0.210	7.633	0.038	7.644	-0.141
4.807	0.105	4.818	0.277	4.828	0.313	4.839	0.265	7.654	-0.245	7.661	-0.257	7.671	-0.213	7.680	-0.158
4.850	0.161	4.862	0.341	4.874	-0.006	4.886	0.005	7.687	-0.106	7.695	-0.086	7.705	-0.122	7.720	-0.258
4.906	0.061	4.918	0.365	4.929	0.037	4.945	-0.015	7.730	-0.381	7.742	-0.417	7.755	-0.382	7.768	-0.270
4.967	0.021	4.980	0.357	4.997	0.141	5.011	0.169	7.779	-0.119	7.791	0.065	7.807	0.137	7.820	0.101
5.025	0.192	5.039	0.288	5.053	0.396	5.065	0.436	7.835	-0.019	7.846	-0.098	7.853	-0.110	7.865	-0.066
5.076	0.392	5.089	0.196	5.104	-0.199	5.118	-0.522	7.878	0.057	7.888	0.205	7.899	0.377	7.911	0.405
5.127	-0.685	5.136	-0.725	5.145	-0.693	5.157	-0.526	7.931	0.377	7.931	0.249	7.954	0.106	7.954	0.014
5.169	-0.382	5.177	-0.306	5.186	-0.282	5.197	-0.290	7.960	-0.006	7.971	0.014	7.980	0.034	7.992	0.010
5.211	-0.290	5.223	-0.242	5.233	-0.175	5.248	-0.015	8.011	-0.041	8.030	-0.061	8.039	-0.069	8.062	-0.037
5.261	0.160	5.275	0.392	5.285	0.567	5.295	0.727	8.074	-0.061	8.090	-0.069	8.111	-0.056	8.126	-0.008
5.307	0.774	5.316	0.746	5.330	0.531	5.348	0.164	8.144	0.068	8.157	0.127	8.167	0.175	8.177	0.187
5.364	-0.171	5.374	-0.303	5.384	-0.335	5.396	-0.303	8.189	0.168	8.201	0.116	8.216	0.012	8.232	-0.095
5.412	-0.216	5.432	-0.136	5.455	-0.036	5.469	-0.083	8.244	-0.143	8.254	-0.167	8.264	-0.147	8.274	-0.095
5.484	0.274	5.498	0.450	5.510	0.506	5.523	0.450	8.288	0.005	8.300	0.049	8.311	0.057	8.326	0.053
5.539	0.282	5.551	0.055	5.564	-0.141	5.575	-0.241	8.340	0.049	8.352	0.085	8.363	0.109	8.374	0.129
5.599	-0.337	5.610	-0.353	5.621	-0.329	5.638	-0.290	8.386	0.152	8.395	0.192	8.404	0.260	8.413	0.316
5.657	-0.274	5.675	-0.194	5.697	-0.087	5.715	0.120	8.421	0.336	8.428	0.316	8.439	0.232	8.450	-0.023
5.729	0.300	5.744	0.435	5.761	0.578	5.770	0.602	8.461	-0.207	8.473	-0.402	8.482	-0.514	8.488	-0.557
5.782	0.562	5.797	0.311	5.814	0.016	5.827	-0.116	8.496	-0.585	8.507	-0.553	8.525	-0.410	8.541	-0.294
5.838	-0.192	5.847	-0.208	5.868	-0.200	5.879	-0.260	8.556	-0.163	8.563	-0.111	8.574	-0.067	8.582	-0.059
5.892	-0.419	5.936	-0.583	5.915	-0.675	5.924	-0.691	8.591	-0.067	8.603	-0.115	8.612	-0.127	8.621	-0.087
5.930	-0.643	5.947	-0.408	5.968	0.003	5.982	0.278	8.635	0.045	8.649	0.220	8.664	0.392	8.674	0.495
5.997	0.370	6.007	0.350	6.022	0.282	6.038	0.226	8.686	0.539	8.697	0.507	8.706	0.400	8.720	0.196
6.053	0.234	6.066	0.246	6.082	0.218	6.091	0.266	8.730	0.049	8.746	-0.043	8.755	-0.043	8.755	-0.007
6.106	0.250	6.121	0.282	6.135	0.238	6.147	0.114	8.765	0.093	8.776	0.200	8.791	0.264	8.803	0.212
6.164	-0.093	6.176	-0.261	6.186	-0.321	6.197	-0.269	8.813	0.109	8.825	-0.043	8.833	-0.159	8.848	-0.270
6.212	-0.078	6.227	0.110	6.238	0.130	6.246	0.082	8.856	-0.366	8.878	-0.410	8.896	-0.410	8.910	-0.386
6.263	-0.154	6.277	-0.369	6.291	-0.469	6.302	-0.513	8.921	-0.310	8.933	-0.159	8.945	-0.037	8.958	0.057
6.313	-0.497	6.330	-0.357	6.345	-0.166	6.357	0.005	8.979	0.113	9.003	0.121	9.026	0.121	9.046	0.125
6.370	0.181	6.380	0.320	6.392	0.368	6.402	0.360	9.059	0.105	9.072	0.041	9.083	-0.007	9.093	-0.027

9.102	-0.003	9.124	0.140	9.140	0.248	9.152	0.300	10.928	-0.071	10.930	-0.091	10.932	-0.111	10.934	-0.131
9.165	0.312	9.177	0.316	9.188	0.304	9.197	0.256	10.935	-0.135	10.937	-0.151	10.938	-0.167	10.944	-0.203
9.206	0.168	9.220	-0.003	9.232	-0.218	9.241	-0.332	10.950	-0.219	10.955	-0.223	10.960	-0.210	10.962	-0.187
9.253	-0.426	9.261	-0.466	9.267	-0.482	9.280	-0.454	10.967	-0.163	10.967	-0.147	10.970	-0.123	10.973	-0.115
9.294	-0.418	9.304	-0.358	9.316	-0.270	9.328	-0.171	10.974	-0.071	10.975	-0.059	10.978	-0.039	10.978	-0.008
9.342	-0.107	9.354	-0.059	9.366	-0.028	9.381	0.124	10.981	0.008	10.983	0.052	10.986	0.068	10.986	0.088
9.392	0.220	9.408	0.259	9.420	0.215	9.433	0.032	10.989	0.108	10.990	0.108	10.991	0.108	10.992	0.108
9.445	-0.156	9.454	-0.268	9.462	-0.300	9.472	-0.244	10.998	0.155	11.001	0.175	11.010	0.171	11.016	0.159
9.484	-0.100	9.493	0.059	9.507	0.123	9.517	0.091	11.018	0.151	11.024	0.139	11.027	0.123	11.030	0.119
9.527	-0.005	9.536	-0.073	9.544	-0.085	9.552	-0.065	11.035	0.111	11.040	0.094	11.045	0.094	11.046	0.094
9.564	0.102	9.575	0.266	9.585	0.433	9.597	0.465	11.054	0.094	11.056	0.110	11.062	0.133	11.066	0.157
9.607	0.421	9.617	0.325	9.629	0.149	9.642	0.050	11.072	0.177	11.075	0.204	11.078	0.216	11.086	0.244
9.651	-0.186	9.657	-0.250	9.663	-0.266	9.671	-0.234	11.091	0.255	11.102	0.267	11.102	0.271	11.113	0.254
9.683	-0.139	9.691	-0.051	9.702	-0.007	9.715	-0.036	11.116	0.230	11.121	0.198	11.124	0.190	11.139	0.090
9.722	-0.096	9.735	-0.199	9.745	-0.315	9.753	-0.367	11.145	0.022	11.147	-0.018	11.151	-0.054	11.152	-0.054
9.762	-0.391	9.773	-0.364	9.782	-0.292	9.792	-0.164	11.154	-0.078	11.157	-0.118	11.162	-0.162	11.165	-0.210
9.806	-0.013	9.816	-0.086	9.833	-0.150	9.845	-0.134	11.171	-0.238	11.176	-0.250	11.180	-0.262	11.185	-0.262
9.858	0.038	9.869	-0.045	9.880	-0.081	9.893	-0.038	11.195	-0.231	11.199	-0.243	11.206	-0.219	11.207	-0.175
9.902	0.042	9.915	0.158	9.925	0.166	9.936	0.126	11.211	-0.135	11.214	-0.112	11.218	-0.080	11.223	-0.024
9.948	0.042	9.957	-0.014	9.965	-0.026	9.978	0.022	11.227	-0.004	11.232	0.035	11.237	0.051	11.243	0.063
9.990	0.110	10.003	0.193	10.017	0.221	10.030	0.193	11.247	0.075	11.255	0.082	11.259	0.074	11.268	0.066
10.046	0.110	10.058	-0.010	10.073	-0.157	10.083	-0.237	11.274	0.042	11.278	0.030	11.283	0.009	11.287	-0.015
10.092	-0.273	10.105	-0.237	10.121	-0.157	10.131	-0.081	11.290	-0.039	11.293	-0.051	11.293	-0.051	11.297	-0.079
10.148	0.074	10.160	0.126	10.177	0.186	10.193	0.230	11.303	-0.116	11.309	-0.120	11.316	-0.128	11.321	-0.137
10.204	0.214	10.220	0.142	10.239	0.047	10.252	-0.013	11.328	-0.137	11.333	-0.141	11.344	-0.154	11.349	-0.182
10.267	-0.037	10.289	-0.033	10.302	-0.053	10.316	-0.093	11.359	-0.191	11.370	-0.172	11.376	-0.148	11.384	-0.101
10.330	-0.129	10.337	-0.149	10.347	-0.125	10.360	-0.009	11.388	-0.077	11.396	-0.042	11.399	-0.010	11.399	-0.010
10.373	0.123	10.383	0.182	10.392	0.198	10.402	0.170	11.406	0.041	11.409	0.065	11.418	0.069	11.428	0.060
10.418	0.063	10.435	-0.089	10.452	-0.185	10.467	-0.229	11.441	0.059	11.453	0.090	11.459	0.118	11.462	0.166
10.482	-0.213	10.496	-0.146	10.511	-0.051	10.525	-0.027	11.467	0.181	11.471	0.221	11.477	0.253	11.479	0.269
10.535	-0.039	10.548	-0.095	10.566	-0.135	10.582	-0.093	11.484	0.284	11.494	0.280	11.497	0.264	11.502	0.247
10.602	0.052	10.624	0.220	10.638	0.251	10.638	0.250	11.507	0.223	11.508	0.223	11.513	0.163	11.516	0.123
10.646	0.214	10.649	0.174	10.652	0.126	10.653	0.098	11.517	0.123	11.519	0.059	11.527	-0.017	11.529	-0.061
10.654	0.094	10.657	0.054	10.660	0.038	10.664	0.002	11.536	-0.157	11.540	-0.193	11.547	-0.273	11.554	-0.309
10.667	-0.038	10.672	-0.090	10.673	-0.090	10.675	-0.133	11.556	-0.357	11.563	-0.369	11.574	-0.358	11.577	-0.334
10.676	-0.157	10.679	-0.169	10.681	-0.170	10.686	-0.169	11.580	-0.310	11.586	-0.278	11.589	-0.247	11.591	-0.211
10.693	-0.157	10.694	-0.141	10.695	-0.128	10.699	-0.120	11.592	-0.203	11.595	-0.175	11.596	-0.175	11.598	-0.123
10.699	-0.120	10.702	-0.088	10.704	-0.076	10.705	-0.052	11.603	-0.080	11.607	-0.040	11.609	-0.012	11.611	0.008
10.705	-0.051	10.707	-0.031	10.707	-0.023	10.710	0.001	11.613	0.036	11.614	0.060	11.618	0.095	11.620	0.111
10.713	0.021	10.714	0.029	10.716	0.046	10.719	0.066	11.627	0.111	11.633	0.115	11.639	0.079	11.642	0.059
10.721	0.082	10.723	0.094	10.726	0.102	10.731	0.107	11.645	0.047	11.648	0.047	11.649	0.019	11.652	-0.017
10.736	0.107	10.738	0.099	10.740	0.091	10.742	0.079	11.655	-0.029	11.657	-0.049	11.658	-0.050	11.660	-0.082
10.745	0.068	10.745	0.052	10.748	0.040	10.752	0.020	11.664	-0.114	11.666	-0.142	11.672	-0.158	11.676	-0.178
10.755	-0.016	10.758	-0.051	10.759	-0.015	10.762	-0.027	11.681	-0.198	11.692	-0.182	11.700	-0.166	11.706	-0.142
10.766	-0.039	10.769	-0.051	10.771	-0.063	10.774	-0.067	11.715	-0.094	11.723	-0.090	11.735	-0.081	11.744	-0.081
10.777	-0.067	10.780	-0.072	10.783	-0.064	10.787	-0.052	11.752	-0.057	11.764	-0.048	11.765	-0.048	11.785	0.104
10.793	-0.049	10.797	-0.010	10.800	0.010	10.801	0.038	11.790	0.132	11.797	0.140	11.803	0.148	11.821	0.157
10.804	0.049	10.805	0.069	10.809	0.085	10.812	0.097	11.832	0.161	11.841	0.170	11.845	0.230	11.876	0.247
10.816	0.120	10.817	0.120	10.817	0.120	10.819	0.156	11.888	0.227	11.891	0.211	11.895	0.192	11.896	0.176
10.822	0.167	10.823	0.171	10.827	0.183	10.832	0.186	11.903	0.121	11.912	0.038	11.923	-0.073	11.927	-0.128
10.834	0.114	10.837	0.166	10.839	0.150	10.843	0.134	11.933	-0.168	11.939	-0.133	11.945	-0.210	11.955	-0.198
10.846	0.082	10.850	0.082	10.852	0.066	10.853	0.065	11.967	-0.169	11.977	-0.133	11.984	-0.101	11.991	-0.081
10.855	0.045	10.858	0.033	10.859	0.009	10.864	-0.007	12.001	-0.048	12.012	-0.032	12.020	-0.020	12.029	-0.016
10.872	-0.031	10.876	-0.044	10.883	-0.044	10.888	-0.044	12.041	-0.019	12.053	-0.027	12.058	-0.046	12.070	-0.086
10.896	-0.044	10.903	-0.032	10.907	-0.024	10.916	-0.024	12.084	-0.146	12.091	-0.174	12.097	-0.174	12.104	-0.170
10.919	-0.032	10.921	-0.040	10.924	-0.048	10.925	-0.059	12.111	-0.150	12.116	-0.142	12.121	-0.114	12.130	-0.063

12.135	0.001	12.142	0.037	12.147	0.077	12.154	0.128	13.878	-0.044	13.884	-0.076	13.890	-0.112	13.899	-0.144
12.161	0.156	12.172	0.188	12.181	0.196	12.190	0.180	13.916	-0.136	13.927	-0.072	13.935	-0.033	13.940	-0.009
12.194	0.160	12.202	0.144	12.209	0.124	12.213	0.104	13.948	0.067	13.955	0.095	13.962	0.099	13.980	0.059
12.222	0.103	12.233	0.137	12.245	0.119	12.254	0.127	13.984	0.019	13.989	-0.001	13.996	-0.045	14.014	-0.097
12.269	0.142	12.277	0.154	12.288	0.154	12.297	0.130	14.025	-0.121	14.033	-0.121	14.058	-0.101	14.065	-0.065
12.300	0.126	12.301	0.126	12.308	0.086	12.314	0.054	14.075	-0.038	14.083	-0.018	14.092	-0.014	14.109	-0.018
12.316	0.022	12.329	-0.114	12.341	-0.190	12.349	-0.182	14.121	-0.034	14.134	-0.034	14.149	-0.014	14.152	0.010
12.352	-0.174	12.364	-0.123	12.366	-0.079	12.373	-0.059	14.162	0.041	14.168	0.049	14.168	0.065	14.179	0.105
12.382	0.024	12.388	0.096	12.398	0.127	12.408	0.135	14.195	0.081	14.196	0.081	14.217	0.077	14.229	0.068
12.417	0.119	12.421	0.095	12.427	0.075	12.437	0.067	14.244	0.036	14.262	-0.012	14.284	-0.028	14.297	0.040
12.431	0.043	12.433	0.007	12.439	-0.005	12.442	-0.017	14.317	-0.017	14.322	-0.001	14.342	0.003	14.357	-0.065
12.446	-0.049	12.451	-0.065	12.456	-0.073	12.462	-0.074	14.374	-0.129	14.383	-0.193	14.391	-0.197	14.398	-0.201
12.487	-0.082	12.497	-0.106	12.500	-0.126	12.510	-0.166	14.399	-0.201	14.407	-0.157	14.418	-0.106	14.424	-0.066
12.515	-0.206	12.521	-0.246	12.532	-0.286	12.541	-0.286	14.435	-0.026	14.444	-0.022	14.459	0.037	14.471	0.013
12.544	-0.290	12.555	-0.258	12.564	-0.202	12.571	-0.127	14.483	0.005	14.491	0.009	14.510	0.048	14.523	0.067
12.575	-0.087	12.581	-0.011	12.587	0.037	12.598	0.101	14.533	0.071	14.544	0.063	14.550	0.051	14.558	0.027
12.596	0.180	12.600	0.224	12.604	0.228	12.610	0.272	14.566	0.006	14.580	-0.002	14.595	-0.002	14.610	0.009
12.617	0.308	12.632	0.280	12.639	0.272	12.645	0.244	14.625	-0.013	14.635	-0.003	14.639	-0.008	14.644	-0.048
12.648	0.136	12.653	0.196	12.655	0.168	12.658	0.129	14.650	-0.064	14.663	-0.084	14.677	-0.088	14.690	-0.029
12.664	0.136	12.670	0.097	12.673	0.073	12.675	0.061	14.703	-0.001	14.715	0.042	14.726	0.074	14.737	0.085
12.686	0.045	12.702	0.157	12.717	0.053	12.727	0.029	14.757	0.065	14.763	0.033	14.770	0.005	14.779	-0.038
12.745	-0.027	12.756	-0.071	12.769	-0.083	12.776	-0.087	14.791	-0.070	14.807	-0.063	14.825	-0.035	14.839	-0.051
12.790	-0.067	12.803	-0.039	12.809	-0.027	12.819	-0.027	14.857	-0.083	14.873	-0.119	14.900	-0.071	14.905	-0.051
12.827	-0.039	12.831	-0.047	12.842	-0.059	12.848	-0.075	14.929	0.022	14.952	-0.010	15.008	0.023	15.047	0.024
12.859	-0.075	12.873	-0.051	12.881	-0.015	12.889	0.025	15.047	0.024	15.073	-0.000	15.095	0.060	15.113	0.108
12.895	0.053	12.898	0.085	12.901	0.101	12.907	0.105	15.125	0.132	15.142	0.076	15.150	0.032	15.163	-0.019
12.916	0.125	12.923	0.105	12.929	0.081	12.935	0.065	15.179	-0.043	15.204	-0.051	15.214	-0.083	15.230	-0.135
12.940	0.045	12.948	-0.003	12.964	-0.039	12.973	-0.035	15.238	-0.203	15.247	-0.234	15.258	-0.214	15.272	-0.147
12.978	-0.043	12.995	0.017	13.007	0.057	13.013	0.069	15.282	-0.047	15.295	-0.007	15.302	0.049	15.319	0.064
13.026	0.077	13.032	0.065	13.041	0.049	13.053	0.009	15.339	0.048	15.354	-0.044	15.368	-0.044	15.379	-0.032
13.058	0.001	13.066	-0.023	13.073	-0.035	13.089	-0.055	15.391	0.020	15.396	0.063	15.405	0.087	15.421	0.123
13.100	-0.075	13.106	-0.095	13.125	-0.083	13.135	-0.051	15.435	0.155	15.448	0.170	15.471	0.142	15.483	0.122
13.143	-0.031	13.155	-0.015	13.171	-0.039	13.174	-0.063	15.494	0.030	15.505	-0.026	15.515	-0.094	15.520	-0.130
13.182	-0.095	13.189	-0.143	13.191	-0.175	13.202	-0.226	15.533	-0.114	15.541	-0.114	15.556	-0.074	15.565	-0.093
13.209	-0.270	13.224	-0.222	13.235	-0.179	13.238	-0.135	15.583	-0.075	15.597	-0.088	15.613	-0.112	15.629	-0.093
13.239	-0.095	13.242	-0.075	13.248	-0.036	13.249	0.000	15.640	-0.057	15.652	-0.006	15.661	0.034	15.668	0.085
13.253	0.048	13.256	0.092	13.263	0.123	13.265	0.159	15.685	0.100	15.713	0.088	15.747	0.058	15.778	0.030
13.267	0.199	13.274	0.255	13.290	0.258	13.295	0.226	15.800	-0.031	15.819	-0.079	15.856	-0.036	15.857	-0.036
13.302	0.198	13.306	0.158	13.312	0.122	13.318	0.110	15.891	-0.021	15.917	-0.049	15.922	-0.049	15.940	-0.002
13.324	0.077	13.331	0.049	13.333	0.021	13.339	0.021	15.955	0.046	15.957	0.049	15.973	0.061	15.989	0.053
13.347	0.001	13.361	0.020	13.369	0.040	13.375	0.060	16.007	0.017	16.034	0.025	16.046	0.049	16.069	0.021
13.385	0.087	13.399	0.059	13.403	0.039	13.408	0.023	16.079	0.001	16.101	-0.051	16.121	-0.055	16.165	-0.055
13.411	-0.013	13.436	-0.106	13.448	-0.198	13.459	-0.198	16.193	-0.011	16.215	0.053	16.232	0.068	16.257	0.084
13.490	-0.130	13.503	-0.046	13.511	-0.014	13.517	0.038	16.289	0.052	16.303	0.004	16.322	-0.005	16.339	0.059
13.521	0.034	13.526	0.075	13.536	0.075	13.540	0.075	16.349	0.099	16.361	0.150	16.370	0.174	16.387	0.142
13.558	0.056	13.568	0.012	13.572	-0.004	13.587	-0.023	16.405	0.114	16.417	0.078	16.424	-0.002	16.439	-0.026
13.595	-0.027	13.602	0.001	13.607	0.025	13.612	0.037	16.459	-0.011	16.474	0.001	16.485	0.025	16.501	-0.004
13.628	0.062	13.638	0.070	13.646	0.054	13.646	0.034	16.515	-0.044	16.528	-0.064	16.545	-0.100	16.552	-0.148
13.651	0.022	13.651	0.022	13.657	-0.013	13.663	-0.045	16.574	-0.129	16.584	-0.097	16.590	-0.065	16.601	-0.042
13.669	-0.069	13.679	-0.101	13.686	-0.104	13.690	-0.116	16.611	-0.006	16.623	0.018	16.632	0.038	16.643	0.057
13.704	-0.116	13.714	-0.107	13.721	-0.083	13.726	-0.067	16.663	0.069	16.688	0.064	16.703	0.044	16.735	0.048
13.733	-0.043	13.736	-0.023	13.742	-0.017	13.744	0.033	16.768	0.059	16.791	0.042	16.804	0.014	16.821	-0.010
13.751	0.081	13.752	0.097	13.757	0.092	13.771	0.148	16.833	-0.002	16.847	0.014	16.857	0.041	16.874	0.045
13.778	0.180	13.786	0.192	13.796	0.164	13.801	0.152	16.885	-0.071	16.898	0.001	16.916	-0.008	16.937	0.032
13.802	0.152	13.813	0.092	13.823	0.060	13.832	0.052	16.948	0.036	16.960	-0.001	16.967	-0.036	16.981	-0.084
13.834	0.048	13.850	0.024	13.861	0.016	13.867	-0.012	16.981	-0.084	16.989	-0.124	17.007	-0.088	17.030	-0.020

17.038	-0.020	17.050	0.027	17.061	0.075	17.076	0.099	17.091	0.037	17.104	0.027	17.119	0.056	17.138	-0.068	21.463	-0.023	21.434	0.010	21.441	0.035	21.446	0.060
17.091	0.372	17.104	0.027	17.119	0.056	17.138	-0.068	17.151	0.348	17.164	0.100	17.176	0.092	17.202	0.032	21.463	-0.023	21.434	0.010	21.441	0.035	21.446	0.060
17.151	0.348	17.164	0.100	17.176	0.092	17.202	0.032	17.212	-0.003	17.217	-0.023	17.229	0.023	17.250	0.021	21.510	-0.006	21.490	-0.019	21.499	0.043	21.506	0.014
17.212	-0.003	17.217	-0.023	17.229	0.023	17.250	0.021	17.267	0.045	17.279	0.065	17.299	0.069	17.308	0.029	21.538	0.008	21.553	0.028	21.562	0.036	21.569	-0.036
17.267	0.045	17.279	0.065	17.299	0.069	17.308	0.029	17.320	-0.027	17.335	0.059	17.344	-0.091	17.369	-0.111	21.570	0.060	21.574	0.056	21.587	0.040	21.596	0.004
17.320	-0.027	17.335	0.059	17.344	-0.091	17.369	-0.111	17.379	-0.139	17.417	-0.171	17.442	0.167	17.456	0.087	21.610	-0.068	21.620	-0.092	21.629	-0.108	21.639	-0.100
17.379	-0.139	17.417	-0.171	17.442	0.167	17.456	0.087	17.471	-0.031	17.485	0.061	17.500	0.037	17.521	0.061	21.647	-0.084	21.657	-0.073	21.667	-0.065	21.681	-0.061
17.471	-0.031	17.485	0.061	17.500	0.037	17.521	0.061	17.531	0.101	17.553	0.117	17.596	0.085	17.606	0.045	21.696	-0.069	21.714	-0.073	21.728	-0.073	21.741	-0.062
17.531	0.101	17.553	0.117	17.596	0.085	17.606	0.045	17.619	0.009	17.626	-0.051	17.645	-0.091	17.658	-0.115	21.763	-0.030	21.774	-0.006	21.791	0.026	21.801	0.049
17.619	0.009	17.626	-0.051	17.645	-0.091	17.658	-0.115	17.698	-0.083	17.718	-0.051	17.731	0.061	17.751	0.061	21.811	0.061	21.827	0.073	21.838	0.060	21.850	0.044
17.658	-0.123	17.685	-0.115	17.698	-0.083	17.718	-0.051	17.731	0.061	17.751	0.061	17.768	-0.007	17.797	0.009	21.858	0.024	21.872	0.004	21.885	-0.025	21.895	-0.033
17.724	-0.023	17.741	0.025	17.768	-0.007	17.797	0.009	17.822	-0.039	17.856	-0.039	17.882	-0.043	17.913	0.001	21.900	-0.037	21.909	-0.025	21.919	-0.005	21.930	0.011
17.822	-0.039	17.856	-0.039	17.882	-0.043	17.913	0.001	17.941	0.073	17.966	0.144	17.973	0.168	18.003	0.164	21.939	0.042	21.950	-0.046	21.963	0.034	21.974	0.010
17.941	0.073	17.966	0.144	17.973	0.168	18.003	0.164	18.017	0.117	18.043	-0.015	18.053	-0.043	18.072	-0.087	22.025	-0.034	22.034	-0.022	22.051	-0.013	22.063	-0.009
17.973	0.172	17.996	0.172	18.003	0.164	18.017	0.117	18.043	-0.015	18.053	-0.043	18.072	-0.087	18.087	0.039	22.076	-0.009	22.088	-0.009	22.104	-0.012	22.116	-0.016
18.026	-0.057	18.043	-0.015	18.053	-0.043	18.072	-0.087	18.087	0.039	18.103	-0.103	18.125	-0.127	18.146	-0.128	22.179	0.028	22.193	0.008	22.203	-0.008	22.212	-0.020
18.085	-0.099	18.103	-0.103	18.125	-0.127	18.146	-0.128	18.178	0.039	18.187	0.039	18.222	-0.012	22.222	-0.012	22.235	-0.008	22.246	-0.000	22.252	-0.000	22.262	-0.000
18.157	-0.096	18.169	-0.064	18.178	0.039	18.222	-0.012	22.222	-0.012	22.235	-0.008	22.246	-0.000	22.252	-0.000	22.262	-0.000	22.270	0.015	22.314	0.007	22.329	0.007
18.203	0.131	18.223	0.154	18.264	0.125	18.286	0.101	18.334	-0.034	18.343	-0.112	18.363	-0.092	18.370	-0.052	22.344	0.007	22.357	0.014	22.376	0.022	22.388	0.018
18.301	0.045	18.312	-0.019	18.334	-0.092	18.343	-0.112	18.363	-0.092	18.370	-0.052	18.406	0.038	18.440	0.022	22.401	0.014	22.412	0.006	22.431	0.076	22.449	0.005
18.363	-0.100	18.376	-0.061	18.389	0.015	18.406	0.038	18.440	0.022	18.461	0.009	18.475	0.021	18.483	0.045	22.461	0.009	22.475	0.021	22.483	0.036	22.493	0.005
18.423	0.010	18.440	-0.046	18.471	-0.014	18.485	0.022	18.547	-0.061	18.547	-0.061	18.570	-0.052	18.588	0.025	22.508	0.029	22.517	0.009	22.527	-0.003	22.537	-0.027
18.503	0.030	18.526	-0.061	18.547	-0.061	18.570	-0.052	18.588	0.025	18.641	0.029	18.661	0.104	18.677	0.104	22.559	-0.027	22.563	-0.019	22.571	-0.007	22.578	-0.003
18.592	-0.020	18.608	0.020	18.641	0.029	18.661	0.104	18.677	0.104	18.719	0.155	18.737	0.107	18.776	-0.092	22.588	-0.011	22.601	-0.019	22.612	-0.019	22.622	0.001
18.685	0.114	18.705	0.154	18.719	0.155	18.737	0.107	18.776	-0.092	18.794	-0.124	18.809	0.004	18.829	-0.096	22.630	0.033	22.640	0.077	22.648	0.113	22.657	0.129
18.748	0.039	18.759	-0.028	18.776	-0.092	18.794	-0.124	18.809	0.004	18.829	-0.096	18.860	-0.055	18.891	-0.023	22.663	0.033	22.671	0.125	22.683	0.105	22.692	0.081
18.829	-0.096	18.860	-0.055	18.891	-0.023	18.899	0.004	18.941	0.110	18.963	0.097	18.978	0.052	18.994	0.052	22.698	0.069	22.709	0.065	22.716	0.061	22.727	0.065
18.913	0.052	18.927	0.091	18.941	0.110	18.963	0.097	18.978	0.052	18.994	0.052	19.004	0.101	19.008	0.065	22.736	0.069	22.744	0.077	22.754	0.073	22.768	0.057
19.045	-0.071	19.063	-0.042	19.078	0.014	19.094	0.052	19.138	-0.058	19.151	-0.104	19.215	-0.039	19.232	-0.029	22.776	0.037	22.788	0.025	22.800	0.021	22.809	0.009
19.114	0.363	19.124	0.064	19.138	-0.058	19.151	-0.104	19.215	-0.039	19.232	-0.029	19.258	-0.066	19.307	0.069	22.822	-0.010	22.836	-0.014	22.848	-0.006	22.866	-0.006
19.167	-0.113	19.188	-0.067	19.215	-0.039	19.232	-0.029	19.258	-0.066	19.307	0.069	19.361	0.080	19.429	-0.029	22.879	0.022	22.891	-0.018	22.905	0.006	22.939	0.026
19.258	0.017	19.276	0.066	19.307	0.069	19.361	0.080	19.429	-0.029	19.460	-0.010	19.494	0.009	19.595	-0.024	22.919	0.038	22.925	0.042	22.936	0.026	22.946	0.006
19.405	0.049	19.436	0.017	19.460	-0.010	19.494	0.009	19.595	-0.024	19.609	0.003	19.624	0.051	19.682	0.051	22.953	-0.009	22.964	-0.033	22.970	-0.037	22.983	-0.017
19.532	0.008	19.561	0.010	19.595	-0.024	19.609	0.003	19.624	0.051	19.682	0.051	19.749	0.050	19.780	-0.031	22.991	0.003	23.000	0.019	23.013	0.035	23.026	0.034
19.624	0.050	19.644	0.074	19.664	0.074	19.682	0.051	19.749	0.050	19.780	-0.031	19.819	-0.019	19.844	-0.031	23.044	0.022	23.062	0.046	23.079	0.053	23.090	0.061
19.711	0.065	19.725	0.091	19.740	0.080	19.749	0.050	19.780	-0.031	19.819	-0.019	19.844	-0.031	19.864	-0.031	23.099	0.053	23.114	0.037	23.127	0.028	23.143	0.024
19.766	0.011	19.780	-0.031	19.798	-0.051	19.819	-0.019	19.844	-0.031	19.864	-0.031	19.884	-0.031	19.904	-0.031	23.167	0.011	23.179	-0.005	23.199	-0.042	23.218	-0.042
19.830	-0.065	19.844	-0.031	19.864	-0.031	19.884	-0.031	19.904	-0.031	19.924	-0.031	19.944	-0.031	19.964	-0.031	23.238	-0.046	23.255	-0.042	23.269	-0.006	23.291	-0.042
19.894	-0.046	19.935	-0.020	19.964	-0.031	19.986	-0.031	20.001	0.009	20.010	0.009	20.024	0.009	20.037	-0.010	23.302	0.074	23.315	0.034	23.327	0.090	23.339	0.066
20.022	0.015	20.046	-0.034	20.072	-0.064	20.097	-0.010	20.157	0.051	20.177	0.030	20.187	0.030	20.248	0.055	23.353	0.046	23.367	0.038	23.383	0.042	23.391	0.051
20.113	0.025	20.132	0.055	20.157	0.051	20.177	0.030	20.187	0.030	20.248	0.055	20.267	0.055	20.287	0.055	23.401	0.059	23.415	0.031	23.429	0.035	23.437	0.019
20.203	0.039	20.232	0.055	20.248	0.055	20.267	0.055	20.287	0.055	20.307	-0.013	20.344	-0.047	20.367	-0.103	23.451	-0.013	23.466	-0.025	23.474	-0.022	23.490	-0.002
20.304	0.020	20.322	-0.008	20.344	-0.047	20.367	-0.103	20.417	-0.039	20.445	0.013	20.456	0.013	20.464	0.013	23.507	0.006	23.519	0.006	23.537	0.018	23.547	-0.026
20.377	-0.119	20.391	-0.123	20.417	-0.039	20.445	0.013	20.456	0.013	20.464	0.013	20.485	0.016	20.509	-0.016	23.567	-0.010	23.578	0.003	23.595	0.049	23.613	0.037
20.469	0.037	20.494	0.100	20.513	0.112	20.541	0.064	20.567	0.010	20.589	-0.016	20.609	-0.016	20.634	0.033	23.634	0.033	23.646	0.045	23.658	0.041	23.672	0.033
20.555	0.001	20.556	0.001	20.579	-0.041	20.609	-0.016	20.634	0.033	20.646	0.045	20.669	-0.052	20.693	-0.052	23.685	0.009	23.708	-0.027	23.728	-0.023	23.743	-0.027
20.704	-0.021	20.727	0.002	20.749	-0.041	20.769	-0.037	20.783	-0.037	20.809	-0.016	20.824	0.064	20.844	0.064	23.760	-0.031	23.783	-0.035	23.803	-0.023	23.820	-0.007
20.791	0.004	20.804	0.028	20.815	0.056	20.824	0.064	20.844	0.064	20.864	0.064	20.884	0.064	20.904	0.064	23.835	0.016	23.850	0.024	23.863	0.008	23.878</	





IN187

71.068 2/9/71 3600PST SAN ANTONIO DAM, SAN ANTONIO DAM DOWN

1765 POINTS 29.991 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, 6/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0630 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-J.999	6.007	-5.127	0.019	-0.131	0.030	-0.067	1.785	-0.092	1.794	-0.156	1.802	-0.184	1.808	-0.140	1.814	-0.102	1.820	-0.060
0.040	-0.012	0.648	-0.004	0.658	-0.024	0.074	-0.072	1.819	-0.044	1.827	0.007	1.836	0.019	1.852	-0.017	1.858	-0.029	1.866	-0.041
0.083	-0.100	0.096	-0.072	0.114	-0.028	0.128	-0.039	1.862	-0.061	1.875	-0.029	1.886	0.011	1.901	0.050	1.907	-0.039	1.915	-0.051
0.140	-0.079	0.148	-0.071	0.158	0.035	0.167	-0.021	1.918	-0.102	1.928	0.122	1.942	0.073	1.952	-0.038	1.960	-0.054	1.968	-0.062
0.176	-0.041	0.188	-0.009	0.199	0.041	0.211	0.018	1.961	-0.154	1.973	-0.194	1.983	-0.163	1.996	-0.115	2.004	-0.087	2.012	-0.061
0.225	-0.014	0.235	-0.026	0.245	-0.083	0.252	-0.099	2.012	-0.075	2.021	-0.079	2.031	-0.119	2.043	-0.179	2.051	-0.244	2.059	-0.318
0.263	-0.052	0.276	-0.060	0.289	-0.009	0.303	-0.014	2.053	-0.152	2.065	-0.016	2.072	0.179	2.085	-0.267	2.093	-0.341	2.101	-0.413
0.313	-0.054	0.322	-0.069	0.333	0.069	0.342	0.012	2.098	0.259	2.112	0.207	2.125	0.079	2.140	-0.097	2.148	-0.169	2.156	-0.241
0.352	-0.004	0.361	-0.003	0.375	-0.001	0.387	-0.058	2.148	-0.131	2.160	-0.081	2.173	-0.049	2.186	-0.122	2.194	-0.194	2.202	-0.266
0.399	-0.119	0.410	-0.171	0.423	-0.216	0.435	-0.208	2.198	-0.241	2.209	-0.225	2.220	-0.109	2.232	-0.022	2.240	-0.093	2.248	-0.165
0.446	-0.149	0.459	-0.102	0.468	-0.102	0.481	-0.119	2.242	-0.002	2.256	-0.005	2.273	0.007	2.285	-0.001	2.293	-0.073	2.301	-0.145
0.493	-0.088	0.505	-0.011	0.516	0.135	0.529	0.166	2.298	-0.053	2.312	-0.085	2.322	-0.065	2.335	0.011	2.343	-0.087	2.351	-0.159
0.539	-0.118	0.549	-0.030	0.559	-0.058	0.571	-0.111	2.344	-0.075	2.350	-0.079	2.361	0.055	2.371	-0.021	2.379	-0.097	2.387	-0.169
0.588	-0.095	0.600	-0.068	0.611	-0.068	0.623	-0.109	2.380	-0.085	2.387	-0.104	2.399	-0.088	2.415	-0.032	2.423	-0.104	2.431	-0.176
0.639	-0.117	0.653	-0.102	0.665	-0.046	0.681	-0.003	2.429	-0.016	2.440	-0.060	2.453	-0.100	2.467	-0.064	2.475	-0.136	2.483	-0.208
0.700	-0.005	0.712	-0.015	0.723	-0.051	0.740	-0.072	2.486	-0.040	2.497	-0.084	2.505	-0.100	2.519	-0.064	2.527	-0.136	2.535	-0.208
0.755	-0.048	0.770	-0.019	0.782	-0.043	0.794	-0.007	2.532	0.025	2.545	-0.023	2.555	-0.091	2.565	-0.123	2.573	-0.195	2.581	-0.267
0.806	-0.057	0.819	-0.039	0.833	-0.073	0.847	-0.062	2.572	-0.027	2.583	-0.070	2.603	-0.118	2.613	-0.017	2.621	-0.089	2.629	-0.161
0.866	-0.078	0.877	-0.010	0.894	-0.082	0.907	-0.040	2.668	0.025	2.677	-0.129	2.687	0.157	2.697	0.113	2.705	-0.185	2.713	-0.257
0.923	-0.015	0.941	-0.007	0.952	-0.024	0.965	-0.040	2.706	0.013	2.715	-0.035	2.728	-0.079	2.743	-0.102	2.749	-0.059	2.757	-0.081
0.973	-0.044	0.990	-0.020	1.001	-0.048	1.014	-0.089	2.753	-0.087	2.769	-0.015	2.781	-0.003	2.793	-0.031	2.800	-0.044	2.807	-0.057
1.020	-0.101	1.031	-0.377	1.042	-0.009	1.056	0.018	2.808	-0.131	2.822	-0.107	2.839	-0.063	2.851	-0.115	2.868	-0.088	2.888	-0.004
1.070	-0.022	1.088	-0.078	1.096	-0.094	1.111	-0.074	2.861	-0.147	2.875	-0.071	2.888	0.004	2.899	-0.008	2.914	-0.031	2.927	-0.059
1.128	-0.027	1.139	0.009	1.149	0.013	1.157	-0.015	2.861	-0.147	2.875	-0.071	2.888	0.004	2.899	-0.008	2.914	-0.031	2.927	-0.059
1.169	-0.063	1.177	-0.083	1.185	-0.067	1.198	0.032	2.911	-0.016	2.927	-0.072	2.941	0.088	2.954	0.020	2.968	-0.044	2.981	-0.079
1.208	-0.136	1.218	-0.160	1.226	-0.124	1.234	0.032	2.967	-0.051	2.989	-0.059	3.005	-0.055	3.020	-0.091	3.034	-0.125	3.048	-0.159
1.243	-0.024	1.247	-0.032	1.256	-0.032	1.270	0.016	3.032	-0.115	3.048	-0.079	3.062	-0.007	3.077	0.049	3.091	-0.079	3.105	-0.109
1.279	-0.024	1.287	-0.024	1.300	-0.116	1.313	-0.092	3.091	-0.023	3.105	-0.023	3.120	-0.023	3.129	0.073	3.139	-0.047	3.149	-0.051
1.328	-0.072	1.337	-0.112	1.343	-0.176	1.352	-0.232	3.141	0.077	3.149	0.005	3.159	-0.051	3.179	-0.047	3.189	-0.051	3.199	-0.051
1.357	-0.256	1.364	-0.224	1.371	-0.081	1.380	-0.043	3.190	-0.095	3.202	-0.115	3.217	-0.047	3.229	-0.053	3.241	-0.053	3.253	-0.053
1.383	0.102	1.397	0.054	1.402	-0.006	1.411	-0.062	3.238	0.077	3.252	-0.043	3.266	-0.059	3.285	-0.031	3.298	-0.031	3.310	-0.031
1.413	-0.070	1.421	-0.043	1.430	0.017	1.442	0.037	3.304	0.048	3.318	0.140	3.328	0.152	3.340	0.068	3.352	0.068	3.364	0.068
1.456	-0.032	1.468	0.028	1.475	-0.012	1.485	-0.092	3.353	-0.052	3.366	-0.083	3.382	-0.080	3.395	-0.025	3.407	-0.025	3.420	-0.025
1.495	-0.196	1.506	-0.213	1.514	-0.213	1.525	-0.094	3.408	-0.079	3.423	0.123	3.433	0.071	3.454	-0.021	3.467	-0.021	3.480	-0.021
1.534	0.046	1.543	0.109	1.552	-0.113	1.561	0.049	3.449	-0.065	3.470	-0.062	3.491	-0.113	3.504	-0.065	3.517	-0.065	3.530	-0.065
1.567	-0.039	1.579	-0.111	1.589	-0.080	1.598	-0.016	3.523	0.014	3.537	-0.025	3.550	-0.137	3.557	-0.089	3.569	-0.089	3.581	-0.089
1.609	0.015	1.621	-0.025	1.631	-0.085	1.642	-0.113	3.542	0.166	3.558	0.166	3.573	0.158	3.582	0.158	3.594	0.158	3.606	0.158
1.654	-0.094	1.665	-0.038	1.677	-0.025	1.695	0.053	3.637	0.046	3.649	-0.081	3.657	-0.121	3.679	-0.033	3.691	-0.033	3.703	-0.033
1.703	-0.069	1.717	-0.104	1.724	-0.103	1.733	-0.064	3.691	-0.065	3.701	-0.101	3.723	-0.069	3.736	-0.153	3.749	-0.153	3.761	-0.153
1.741	-0.011	1.755	-0.044	1.765	-0.036	1.778	-0.036	3.752	-0.244	3.762	-0.188	3.774	-0.065	3.787	-0.015	3.799	-0.015	3.811	-0.015

3.801	0.055	3.813	-0.021	3.825	-0.136	3.837	-0.228	6.764	-0.095	6.779	-0.003	6.790	0.140	6.803	0.172
3.845	-0.172	3.863	0.003	3.878	0.059	3.890	0.015	6.816	-0.105	6.830	-0.023	6.839	-0.055	6.858	-0.015
3.901	-0.084	3.910	-0.172	3.919	-0.216	3.931	-0.160	6.866	-0.059	6.878	-0.174	6.887	-0.206	6.902	-0.162
3.947	-0.009	3.962	0.079	3.971	0.050	3.979	0.021	6.915	-0.098	6.933	-0.074	6.948	-0.114	6.961	-0.173
3.993	-0.089	4.004	0.034	4.018	0.082	4.029	0.129	6.972	-0.121	6.986	0.005	6.998	0.094	7.018	0.142
4.039	0.085	4.049	0.013	4.062	-0.023	4.072	-0.067	7.030	0.107	7.041	0.061	7.054	-0.061	7.065	-0.001
4.086	-0.155	4.097	0.231	4.103	-0.255	4.116	-0.231	7.082	0.047	7.090	-0.009	7.102	-0.168	7.115	-0.288
4.132	-0.108	4.146	0.036	4.160	0.128	4.163	0.143	7.121	-0.316	7.131	-0.256	7.143	-0.148	7.154	-0.068
4.182	0.108	4.195	0.064	4.215	0.095	4.232	0.123	7.167	-0.000	7.185	0.108	7.195	0.128	7.202	0.104
4.243	0.047	4.256	-0.060	4.267	-0.160	4.273	-0.123	7.211	0.032	7.225	0.010	7.236	-0.008	7.249	0.044
4.283	-0.152	4.291	-0.092	4.306	-0.021	4.317	-0.072	7.261	0.080	7.276	0.016	7.290	0.031	7.313	0.015
4.325	-0.148	4.333	-0.244	4.339	-0.304	4.348	-0.268	7.334	-0.087	7.355	-0.055	7.366	-0.071	7.378	-0.135
4.358	-0.096	4.370	0.044	4.384	0.135	4.403	0.203	7.386	-0.095	7.395	-0.011	7.403	0.093	7.414	0.133
4.410	0.151	4.420	0.048	4.431	-0.024	4.441	0.032	7.419	0.093	7.427	0.033	7.435	-0.034	7.442	-0.062
4.449	0.124	4.459	0.148	4.470	0.048	4.478	-0.064	7.455	-0.030	7.467	0.006	7.475	0.006	7.483	-0.002
4.485	-0.167	4.495	-0.187	4.512	-0.191	4.526	-0.223	7.490	-0.030	7.501	-0.002	7.514	0.014	7.527	-0.030
4.541	-0.188	4.556	-0.080	4.569	0.004	4.588	0.047	7.536	-0.074	7.547	0.046	7.558	0.030	7.571	0.086
4.671	0.147	4.612	0.275	4.621	0.318	4.630	0.247	7.536	-0.074	7.547	0.046	7.558	0.030	7.571	0.086
4.641	0.131	4.653	0.023	4.664	-0.021	4.682	-0.045	7.583	0.130	7.592	0.090	7.599	-0.018	7.608	-0.138
4.692	-0.065	4.706	-0.145	4.721	-0.217	4.734	-0.193	7.617	-0.205	7.627	-0.174	7.633	-0.098	7.643	-0.038
4.751	-0.142	4.763	-0.070	4.775	0.034	4.793	0.085	7.651	-0.014	7.664	-0.018	7.675	-0.026	7.690	0.065
4.809	0.057	4.818	-0.243	4.825	-0.138	4.837	-0.214	7.698	0.061	7.714	0.029	7.728	0.013	7.743	0.041
4.848	-0.182	4.860	-0.067	4.873	0.049	4.886	0.091	7.760	0.061	7.777	0.017	7.789	-0.027	7.798	-0.071
4.895	-0.029	4.903	-0.107	4.913	-0.239	4.920	-0.279	7.808	-0.143	7.816	-0.187	7.828	-0.147	7.839	-0.043
4.929	-0.215	4.940	-0.347	4.951	-0.120	4.968	0.168	7.852	0.080	7.860	0.128	7.869	0.160	7.877	0.120
4.980	0.156	4.987	0.104	4.999	0.368	5.008	0.088	7.884	0.008	7.895	-0.103	7.900	-0.143	7.910	-0.099
5.016	0.168	5.025	0.236	5.033	0.263	5.042	0.236	7.916	-0.020	7.926	0.060	7.938	0.088	7.947	0.044
5.052	0.108	5.063	-0.028	5.075	-0.167	5.090	-0.231	7.955	-0.020	7.966	-0.080	7.968	-0.120	7.979	-0.092
5.109	-0.291	5.120	-0.267	5.132	-0.179	5.147	-0.072	7.986	-0.016	7.997	0.008	8.008	-0.028	8.016	-0.052
5.160	-0.083	5.175	-0.099	5.192	-0.040	5.206	0.044	8.032	-0.052	8.041	-0.068	8.055	-0.092	8.073	-0.069
5.221	0.068	5.235	0.048	5.250	0.037	5.265	0.116	8.092	-0.081	8.115	-0.036	8.127	0.039	8.136	0.043
5.285	0.176	5.300	0.125	5.313	0.013	5.322	-0.095	8.144	0.007	8.155	-0.096	8.165	-0.172	8.171	-0.196
5.333	-0.147	5.347	-0.111	5.359	-0.051	5.380	-0.007	8.181	-0.164	8.194	-0.077	8.210	0.003	8.220	0.027
5.399	-0.003	5.414	0.018	5.429	0.105	5.445	0.130	8.231	0.003	8.242	-0.056	8.258	-0.096	8.271	-0.140
5.463	0.082	5.476	0.010	5.487	-0.073	5.499	-0.081	8.281	-0.112	8.297	-0.020	8.313	0.028	8.322	-0.012
5.511	-0.073	5.523	-0.093	5.533	-0.109	5.546	-0.073	8.332	-0.052	8.346	-0.032	8.371	0.016	8.380	0.036
5.562	-0.021	5.578	-0.053	5.600	-0.089	5.619	-0.109	8.392	0.004	8.415	-0.083	8.427	-0.135	8.437	-0.163
5.633	-0.097	5.650	-0.059	5.663	-0.117	5.675	-0.177	8.451	-0.127	8.467	-0.095	8.486	-0.087	8.504	-0.056
5.687	-0.145	5.701	-0.038	5.718	0.026	5.734	0.150	8.515	-0.024	8.529	0.064	8.537	0.084	8.548	0.040
5.748	0.197	5.760	0.133	5.770	-0.019	5.781	-0.111	8.558	-0.040	8.570	-0.087	8.582	-0.119	8.592	-0.091
5.792	-0.151	5.805	-0.171	5.824	-0.052	5.840	-0.087	8.605	-0.036	8.617	-0.016	8.631	-0.008	8.648	0.036
5.850	0.115	5.864	0.051	5.882	-0.029	5.897	0.018	8.654	0.048	8.663	-0.000	8.676	-0.052	8.689	-0.120
5.918	0.074	5.933	0.033	5.948	-0.067	5.963	-0.187	8.736	-0.133	8.707	-0.097	8.715	-0.045	8.725	0.010
5.976	-0.263	5.987	-0.211	6.005	-0.092	6.023	-0.092	8.797	-0.043	8.817	-0.051	8.836	-0.059	8.855	-0.044
6.038	-0.024	6.058	0.023	6.075	0.003	6.097	-0.076	8.871	-0.028	8.883	0.004	8.895	0.068	8.908	0.095
6.117	-0.048	6.139	-0.033	6.161	-0.029	6.178	0.047	8.925	0.067	8.940	0.043	8.950	0.004	8.959	-0.084
6.201	0.139	6.213	0.107	6.230	0.035	6.247	-0.040	8.970	-0.155	8.980	-0.127	8.990	-0.035	9.001	0.041
6.261	-0.080	6.281	-0.028	6.297	-0.056	6.310	0.144	9.008	0.057	9.016	0.021	9.028	-0.070	9.042	-0.138
6.334	-0.188	6.349	0.140	6.361	-0.003	6.370	-0.087	9.053	-0.130	9.066	-0.062	9.077	0.006	9.092	0.030
6.384	-0.143	6.398	-0.182	6.417	-0.106	6.434	-0.027	9.113	0.007	9.129	-0.017	9.145	0.007	9.161	0.031
6.454	-0.051	6.469	0.045	6.480	0.145	6.493	0.181	9.178	-0.001	9.193	-0.021	9.206	0.007	9.223	0.011
6.504	-0.133	6.514	0.017	6.525	-0.102	6.534	-0.142	9.246	-0.009	9.262	-0.033	9.278	-0.054	9.294	-0.026
6.544	-0.102	6.560	0.005	6.579	0.141	6.588	0.165	9.305	0.022	9.318	0.054	9.333	0.057	9.350	0.073
6.600	0.101	6.615	-0.043	6.626	-0.099	6.640	-0.011	9.373	0.029	9.386	-0.031	9.400	-0.115	9.411	-0.155
6.659	0.076	6.669	0.020	6.679	-0.107	6.692	-0.235	9.427	-0.131	9.443	-0.076	9.456	0.004	9.466	0.032
6.704	-0.275	6.717	-0.247	6.732	-0.103	6.747	-0.055	9.478	-0.028	9.490	-0.092	9.507	-0.077	9.528	-0.029

9.542	0.043	9.558	0.087	9.572	0.039	9.581	-0.037	13.210	0.021	13.236	0.033	13.262	0.041	13.278	0.009
9.590	-0.105	9.601	-0.141	9.614	-0.101	9.633	-0.018	13.296	-0.019	13.327	-0.023	13.347	-0.003	13.369	0.005
9.648	0.010	9.662	-0.029	9.673	-0.057	9.695	-0.021	13.396	0.041	13.428	0.040	13.447	-0.008	13.473	-0.063
9.707	-0.009	9.717	-0.004	9.731	0.024	9.741	0.020	13.503	-0.031	13.517	-0.039	13.517	-0.039	13.545	-0.035
9.752	-0.004	9.762	-0.020	9.777	-0.009	9.792	0.009	13.564	-0.015	13.580	0.049	13.606	0.049	13.618	0.017
9.802	-0.003	9.810	-0.043	9.821	-0.103	9.833	-0.150	13.635	0.037	13.652	0.073	13.672	0.065	13.698	-0.027
9.842	-0.130	9.857	-0.074	9.869	-0.026	9.884	-0.046	13.707	-0.062	13.718	-0.070	13.735	-0.086	13.748	0.033
9.898	-0.066	9.910	-0.018	9.927	-0.046	9.939	0.078	13.766	0.038	13.786	0.010	13.793	0.002	13.806	0.022
9.951	0.018	9.965	-0.050	9.983	-0.070	10.001	-0.070	13.815	0.054	13.827	0.062	13.844	0.046	13.861	0.010
10.013	-0.079	10.036	-0.047	10.053	-0.111	10.063	0.041	13.870	0.002	13.894	0.082	13.907	0.082	13.921	0.066
10.074	0.109	10.086	0.153	10.104	0.125	10.119	0.089	13.951	-0.030	13.961	-0.050	13.980	-0.010	13.994	0.010
10.134	0.021	10.142	-0.002	10.159	0.014	10.171	-0.018	14.006	0.010	14.017	0.034	14.036	0.082	14.053	0.094
10.182	-0.101	10.190	-0.137	10.207	-0.157	10.221	-0.177	14.080	0.122	14.097	0.062	14.097	0.081	14.108	-0.022
10.236	-0.144	10.252	-0.060	10.268	0.000	10.289	0.049	14.117	-0.054	14.132	-0.081	14.187	-0.081	14.200	-0.054
10.306	0.081	10.322	0.098	10.343	0.103	10.352	0.075	14.219	0.018	14.240	0.062	14.267	0.070	14.300	0.066
10.362	0.012	10.372	-0.048	10.379	-0.107	10.393	-0.115	14.306	0.070	14.322	0.014	14.336	-0.042	14.352	-0.086
10.406	-0.116	10.420	-0.090	10.437	-0.025	10.449	-0.008	14.372	-0.098	14.394	-0.035	14.406	-0.007	14.422	-0.015
10.471	-0.023	10.491	-0.031	10.505	-0.050	10.525	-0.037	14.429	-0.015	14.449	-0.047	14.463	-0.019	14.488	0.064
10.550	-0.076	10.574	-0.088	10.590	-0.063	10.608	0.005	14.513	0.048	14.531	0.040	14.555	0.059	14.585	0.067
10.627	0.053	10.647	0.010	10.664	-0.038	10.678	-0.070	14.599	0.019	14.625	-0.025	14.658	0.011	14.675	0.082
10.694	-0.022	10.710	0.010	10.725	-0.038	10.742	-0.081	14.700	0.066	14.716	0.026	14.745	0.006	14.781	0.014
10.764	0.006	10.796	0.082	10.818	0.110	10.818	0.109	14.808	-0.014	14.828	-0.038	14.861	-0.022	14.888	0.002
10.826	0.080	10.837	-0.002	10.842	-0.039	10.849	-0.060	14.923	0.022	14.941	0.014	14.968	0.009	15.002	0.029
10.861	-0.058	10.880	-0.049	10.890	-0.085	10.906	-0.117	15.019	0.048	15.040	0.032	15.047	0.011	15.064	0.015
10.925	-0.061	10.936	0.015	10.937	0.015	10.952	0.027	15.076	-0.009	15.081	-0.021	15.096	-0.054	15.107	-0.070
10.965	0.007	10.979	-0.025	10.988	-0.045	11.014	-0.034	15.160	-0.035	15.172	0.012	15.197	0.023	15.239	0.050
11.033	-0.030	11.048	-0.002	11.055	0.006	11.056	0.006	15.253	0.089	15.280	0.041	15.299	0.028	15.324	-0.069
11.076	0.078	11.096	0.134	11.120	0.094	11.145	0.078	15.352	-0.053	15.375	-0.014	15.413	0.021	15.422	0.053
11.146	0.078	11.156	0.074	11.170	0.046	11.185	0.003	15.428	0.080	15.454	0.019	15.468	0.048	15.484	-0.000
11.205	0.034	11.236	0.011	11.269	-0.036	11.303	0.036	15.501	0.031	15.521	0.019	15.531	-0.001	15.572	0.007
11.318	0.005	11.328	-0.015	11.349	0.013	11.373	-0.023	15.634	0.010	15.647	0.017	15.674	0.072	15.675	0.068
11.391	-0.056	11.422	-0.026	11.453	0.021	11.496	-0.001	15.696	0.031	15.721	0.014	15.745	-0.024	15.783	0.030
11.508	-0.034	11.532	-0.015	11.557	-0.020	11.588	-0.020	15.803	0.040	15.815	0.024	15.839	0.066	15.853	0.077
11.632	0.005	11.650	-0.027	11.665	-0.042	11.691	-0.014	15.877	-0.032	15.894	-0.073	15.918	-0.031	15.941	0.019
11.715	-0.026	11.732	0.027	11.765	0.052	11.795	0.033	15.965	-0.038	15.980	-0.035	16.004	0.051	16.019	0.070
11.835	0.011	11.863	-0.012	11.867	-0.060	11.901	-0.031	16.045	0.002	16.065	-0.041	16.115	-0.049	16.129	-0.077
11.912	0.037	11.933	0.065	11.967	0.085	11.976	0.053	16.143	-0.092	16.154	-0.104	16.181	-0.046	16.204	-0.017
11.991	0.006	12.007	0.014	12.028	-0.014	12.042	-0.082	16.221	-0.016	16.248	-0.006	16.271	-0.001	16.283	-0.040
12.067	-0.054	12.089	-0.006	12.102	0.073	12.121	0.113	16.298	-0.055	16.327	-0.013	16.339	-0.009	16.355	-0.024
12.143	0.057	12.160	-0.015	12.201	0.004	12.208	-0.072	16.366	0.013	16.381	0.009	16.407	0.017	16.436	-0.006
12.224	-0.108	12.250	-0.032	12.291	0.045	12.298	0.073	16.452	0.006	16.473	0.034	16.482	0.054	16.505	0.050
12.348	0.017	12.370	-0.012	12.380	-0.037	12.398	-0.130	16.515	0.023	16.551	-0.021	16.577	-0.021	16.594	0.016
12.417	-0.095	12.427	-0.056	12.431	0.012	12.434	0.023	16.609	0.016	16.624	0.004	16.647	0.024	16.660	0.044
12.456	0.062	12.479	0.037	12.489	-0.002	12.503	-0.026	16.683	0.037	16.699	0.017	16.711	0.049	16.729	0.069
12.525	-0.010	12.551	0.010	12.579	0.006	12.590	0.006	16.743	0.085	16.760	0.041	16.778	-0.011	16.779	-0.011
12.599	-0.018	12.612	-0.025	12.627	-0.001	12.645	-0.008	16.800	-0.027	16.806	-0.011	16.820	0.044	16.832	0.044
12.660	-0.015	12.667	-0.019	12.683	-0.014	12.704	0.019	16.840	0.048	16.855	0.024	16.868	0.012	16.880	0.012
12.716	0.028	12.735	-0.003	12.746	-0.019	12.764	0.006	16.887	0.019	16.894	0.067	16.901	0.067	16.916	0.047
12.776	0.046	12.790	0.050	12.803	0.031	12.809	0.011	16.935	0.003	16.946	-0.021	16.958	0.006	16.976	0.057
12.817	-0.025	12.822	-0.041	12.836	-0.041	12.855	0.031	16.988	0.064	17.001	0.071	17.007	0.051	17.028	0.009
12.871	0.096	12.891	0.097	12.910	0.081	12.914	0.038	17.047	-0.012	17.064	0.007	17.082	-0.010	17.111	-0.016
12.927	-0.002	12.943	0.007	12.955	0.066	12.966	0.102	17.146	-0.018	17.155	0.002	17.176	-0.010	17.199	-0.011
12.980	0.105	12.995	0.061	13.006	0.020	13.017	-0.005	17.218	0.005	17.227	0.045	17.237	0.049	17.251	0.053
13.030	-0.006	13.043	0.045	13.060	0.045	13.068	0.024	17.264	0.017	17.281	-0.010	17.293	-0.030	17.314	-0.033
13.080	0.024	13.094	0.025	13.103	0.025	13.113	-0.010	17.328	-0.005	17.359	-0.008	17.378	-0.027	17.394	-0.046
13.136	0.015	13.154	0.020	13.168	-0.019	13.187	-0.023	17.410	-0.042	17.431	0.047	17.443	0.075	17.460	0.064

17.481	0.016	17.501	0.004	17.522	0.015	17.534	0.034	17.582	0.009	22.000	0.009	22.023	0.004	22.038	0.012
17.554	0.006	17.566	-0.042	17.579	-0.071	17.593	-0.075	22.058	0.027	22.073	0.019	22.091	-0.001	22.108	-0.009
17.609	-0.044	17.624	-0.017	17.649	-0.030	17.663	-0.007	22.129	-0.010	22.148	-0.010	22.165	-0.010	22.185	0.001
17.685	0.027	17.696	0.051	17.718	0.045	17.730	0.020	22.202	0.025	22.219	0.028	22.233	0.048	22.247	0.064
17.754	-0.037	17.761	-0.058	17.773	-0.039	17.786	-0.031	22.262	0.040	22.276	0.004	22.290	-0.008	22.308	0.016
17.802	-0.034	17.823	-0.033	17.859	-0.016	17.860	-0.016	22.324	0.027	22.339	0.007	22.355	-0.025	22.369	-0.025
17.893	0.010	17.934	0.040	17.953	0.016	17.967	0.004	22.392	-0.001	22.411	-0.009	22.428	-0.009	22.450	0.010
17.977	0.028	18.005	-0.028	18.024	-0.040	18.041	0.004	22.471	0.022	22.495	0.006	22.510	0.006	22.528	0.014
18.057	0.036	18.075	0.052	18.107	0.032	18.108	0.032	22.547	0.011	22.566	-0.001	22.582	-0.001	22.609	0.031
18.109	0.032	18.129	0.004	18.162	-0.012	18.195	-0.004	22.629	0.035	22.650	0.035	22.666	0.035	22.685	0.031
18.227	0.032	18.252	0.004	18.272	-0.023	18.298	0.032	22.711	0.051	22.729	0.043	22.747	0.039	22.767	0.023
18.319	0.020	18.322	0.012	18.338	0.008	18.357	-0.005	22.787	0.007	22.807	0.055	22.822	0.063	22.837	0.052
18.395	-0.009	18.416	-0.034	18.440	-0.030	18.464	0.010	22.857	0.024	22.875	0.056	22.890	0.064	22.910	0.044
18.500	0.014	18.551	0.010	18.580	-0.017	18.598	-0.044	22.931	0.012	22.950	0.028	22.968	0.032	22.981	0.024
18.611	-0.068	18.626	-0.031	18.657	-0.002	19.014	-0.023	23.085	0.012	23.102	0.000	23.127	0.044	23.139	0.040
18.714	0.032	18.734	0.017	18.751	-0.010	18.782	-0.021	23.157	0.032	23.180	0.011	23.204	0.003	23.223	0.011
18.805	-0.004	18.832	-0.007	18.847	-0.026	18.871	-0.013	23.241	0.031	23.266	0.051	23.297	0.043	23.308	0.035
18.909	0.014	18.965	0.042	19.003	-0.001	19.123	0.003	23.332	0.031	23.348	0.011	23.364	-0.001	23.390	0.019
19.039	0.023	19.063	0.023	19.100	0.001	19.230	0.043	23.408	0.035	23.435	0.054	23.459	0.070	23.476	0.066
19.155	0.031	19.179	0.031	19.205	0.030	19.285	0.007	23.488	0.050	23.508	0.022	23.528	0.006	23.549	0.026
19.249	0.023	19.260	0.007	19.268	-0.005	19.327	-0.015	23.567	0.038	23.587	0.058	23.603	0.062	23.624	0.050
19.286	0.007	19.310	0.005	19.311	0.005	19.382	0.014	23.643	0.042	23.660	0.034	23.677	0.014	23.694	0.002
19.333	-0.027	19.349	-0.020	19.373	0.011	19.382	0.014	23.713	0.022	23.731	0.034	23.748	0.042	23.765	0.030
19.408	0.045	19.434	0.048	19.455	0.035	19.482	0.015	23.782	0.010	23.801	0.022	23.827	0.018	23.848	0.034
19.508	-0.010	19.537	0.030	19.554	0.006	19.573	-0.010	23.869	0.034	23.889	0.034	23.908	0.022	23.945	0.022
19.586	-0.050	19.599	-0.030	19.621	0.001	19.654	0.021	23.961	0.022	23.987	0.034	24.014	0.034	24.045	0.022
19.665	0.009	19.679	0.008	19.697	0.076	19.721	0.072	24.049	0.022	24.069	0.034	24.093	0.006	24.111	0.010
19.738	0.031	19.756	-0.028	19.768	-0.029	19.778	-0.029	24.132	0.038	24.151	0.058	24.171	0.038	24.198	0.025
19.793	-0.005	19.808	-0.005	19.826	-0.025	19.843	-0.025	24.214	0.053	24.238	0.013	24.256	-0.015	24.279	-0.011
19.870	-0.017	19.886	-0.001	19.901	-0.009	19.921	-0.010	24.304	0.009	24.330	0.025	24.349	0.053	24.366	0.065
19.942	-0.006	19.954	0.034	19.965	0.062	19.982	0.074	24.385	0.057	24.405	0.033	24.435	0.044	24.452	0.024
19.993	0.050	20.024	0.037	20.047	0.013	20.070	-0.023	24.470	0.004	24.487	0.016	24.513	0.028	24.544	0.044
20.100	-0.043	20.129	-0.012	20.130	-0.012	20.151	0.027	24.571	0.048	24.592	0.048	24.619	0.044	24.645	0.032
20.159	0.023	20.178	0.023	20.194	0.039	20.205	0.055	24.674	0.008	24.700	-0.012	24.716	-0.012	24.745	0.034
20.224	0.051	20.247	0.054	20.266	0.018	20.278	-0.010	24.768	0.022	24.788	0.027	24.817	0.015	24.850	0.038
20.289	-0.026	20.310	0.006	20.318	0.010	20.337	0.018	24.878	-0.002	24.903	0.026	24.925	0.025	24.957	0.009
20.392	0.022	20.443	0.038	20.475	0.034	20.487	0.026	24.983	0.009	25.017	0.016	25.058	0.015	25.076	0.011
20.508	0.042	20.528	0.002	20.549	-0.003	20.590	-0.003	25.107	0.015	25.147	0.018	25.171	0.018	25.191	-0.007
20.610	0.037	20.643	0.025	20.672	0.053	20.692	0.064	25.209	-0.023	25.227	-0.003	25.245	0.025	25.267	0.013
20.719	0.028	20.733	0.003	20.759	0.023	20.780	0.031	25.297	0.069	25.320	0.065	25.340	0.061	25.369	0.013
20.802	-0.001	20.840	0.011	20.874	0.003	20.890	-0.016	25.402	0.021	25.431	0.004	25.457	0.000	25.486	0.020
20.919	0.045	20.959	0.026	20.993	0.018	21.027	0.001	25.521	0.048	25.552	0.016	25.575	0.032	25.599	0.036
21.102	0.003	21.130	0.031	21.144	0.031	21.148	0.035	25.634	0.032	25.666	0.004	25.696	-0.017	25.734	0.027
21.179	0.015	21.201	0.003	21.213	0.023	21.233	0.035	25.775	0.019	25.803	0.035	25.828	0.034	25.853	0.010
21.246	0.019	21.259	-0.003	21.272	0.002	21.277	0.019	25.880	-0.018	25.913	0.034	25.939	0.033	25.964	0.049
21.289	0.044	21.305	0.062	21.326	0.021	21.340	0.016	25.991	0.049	26.021	0.020	26.049	0.012	26.068	0.020
21.350	0.012	21.355	0.028	21.364	0.025	21.375	0.029	26.096	0.003	26.118	0.031	26.141	0.043	26.161	0.030
21.386	0.026	21.397	0.019	21.411	0.007	21.432	-0.012	26.177	0.018	26.208	0.042	26.238	0.033	26.262	0.021
21.452	-0.027	21.469	-0.031	21.487	-0.042	21.504	-0.010	26.285	0.013	26.320	0.048	26.345	0.028	26.379	-0.000
21.519	0.023	21.537	0.051	21.549	0.043	21.559	0.024	26.404	0.007	26.423	-0.001	26.442	-0.005	26.464	0.015
21.573	0.004	21.584	-0.007	21.602	0.017	21.621	0.038	26.493	0.022	26.519	0.014	26.543	0.011	26.562	0.011
21.631	0.030	21.651	0.019	21.667	0.007	21.682	-0.000	26.592	0.047	26.627	0.031	26.661	0.016	26.700	0.000
21.694	0.012	21.709	0.012	21.726	0.008	21.744	0.012	26.738	0.008	26.793	0.025	26.793	0.053	26.829	0.010
21.761	0.023	21.781	0.039	21.796	0.031	21.811	0.015	26.864	0.014	26.895	-0.018	26.934	0.027	26.969	0.035
21.825	0.003	21.847	-0.005	21.867	-0.010	21.884	-0.010	26.996	0.039	27.021	0.056	27.058	0.044	27.087	0.020
21.910	0.014	21.929	0.014	21.946	0.005	21.964	0.001								

27.124	0.032	27.164	0.009	27.201	0.061	27.237	0.025
27.276	0.065	27.315	0.030	27.353	0.042	27.381	-0.002
27.403	-0.002	27.429	0.030	27.460	0.054	27.494	0.026
27.522	0.030	27.548	0.030	27.575	0.030	27.605	0.002
27.643	0.030	27.672	0.014	27.696	0.014	27.721	0.038
27.742	0.046	27.776	0.006	27.808	0.026	27.836	0.014
27.864	0.018	27.897	0.034	27.928	0.038	27.951	0.006
27.973	0.002	28.012	0.034	28.040	0.043	28.064	0.035
28.105	0.003	28.142	0.035	28.174	0.055	28.198	0.059
28.221	0.027	28.253	0.004	28.273	0.008	28.300	0.004
28.321	0.004	28.353	0.060	28.388	0.057	28.411	0.065
28.457	0.025	28.490	0.037	28.514	0.005	28.535	0.016
28.564	0.044	28.590	0.044	28.614	0.044	28.638	0.036
28.672	0.035	28.699	0.015	28.720	0.019	28.758	0.058
28.785	0.037	28.806	0.021	28.832	0.020	28.879	0.007
28.894	0.007	28.916	0.034	28.950	0.022	28.985	0.037
29.011	0.053	29.051	0.028	29.081	0.048	29.121	0.019
29.143	0.019	29.177	0.023	29.203	0.022	29.234	0.014
29.264	0.026	29.296	0.034	29.319	0.010	29.343	0.034
29.375	0.022	29.406	0.038	29.435	0.010	29.466	0.030
29.501	0.030	29.547	0.038	29.565	0.046	29.586	0.041
29.610	0.053	29.637	0.033	29.669	0.037	29.706	-0.003
29.730	0.009	29.755	0.037	29.782	0.045	29.817	0.061
29.842	0.013	29.860	-0.010	29.882	-0.006	29.911	0.022
29.932	0.010	29.947	0.010	29.962	0.034	29.970	0.030
29.991	0.030						

IN188

71.084 2/9/71 0600PST LA 1880 CENTURY PARK E.1ST LVL PKG N54E

3365 POINTS 45.226 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED  
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,  
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,  
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1621 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.018	0.011	0.018	0.022	0.022	0.034	0.014	1.906	0.075	1.915	0.047	1.925	-0.000	1.934	-0.035				
0.046	-0.010	0.060	-0.026	0.083	-0.026	0.110	-0.030	1.944	-0.047	1.958	-0.091	1.970	-0.067	1.980	-0.027				
0.122	-0.010	0.129	0.002	0.144	-0.018	0.153	-0.049	1.990	-0.003	2.008	-0.031	2.020	-0.062	2.027	-0.090				
0.166	-0.057	0.184	-0.057	0.198	-0.045	0.209	-0.022	2.037	-0.113	2.046	-0.078	2.060	-0.034	2.067	0.014				
0.217	0.010	0.228	-0.006	0.243	-0.010	0.255	-0.006	2.081	0.045	2.088	0.057	2.100	-0.042	2.113	0.014				
0.266	0.002	0.283	-0.014	0.297	-0.022	0.307	-0.002	2.129	0.046	2.141	0.014	2.157	-0.029	2.177	-0.048				
0.315	0.022	0.322	0.045	0.328	0.018	0.337	-0.010	2.194	-0.032	2.206	-0.001	2.232	0.055	2.259	0.051				
0.350	-0.045	0.359	-0.034	0.368	0.002	0.377	-0.030	2.263	0.028	2.273	0.000	2.288	-0.039	2.310	0.024				
0.386	0.002	0.397	-0.030	0.414	-0.030	0.421	-0.022	2.327	0.044	2.348	0.021	2.359	-0.007	2.366	-0.038				
0.443	-0.053	0.449	-0.026	0.480	0.002	0.509	-0.014	2.402	-0.081	2.423	-0.053	2.443	-0.001	2.464	0.004				
0.539	-0.010	0.560	-0.034	0.568	-0.010	0.579	-0.038	2.477	-0.012	2.494	-0.039	2.510	0.020	2.528	0.052				
0.585	0.069	0.595	0.049	0.601	0.010	0.616	-0.006	2.550	0.053	2.563	0.033	2.575	-0.002	2.609	-0.021				
0.628	-0.002	0.638	-0.014	0.649	-0.030	0.663	0.030	2.632	-0.024	2.650	-0.000	2.660	0.024	2.677	0.064				
0.670	0.014	0.690	-0.053	0.712	-0.034	0.719	-0.093	2.688	0.040	2.700	0.005	2.717	-0.038	2.726	0.001				
0.740	-0.077	0.752	-0.042	0.764	-0.006	0.779	-0.022	2.736	0.041	2.775	0.065	2.828	-0.060	2.839	-0.075				
0.786	0.034	0.793	0.010	0.800	-0.010	0.808	-0.042	2.801	-0.029	2.814	-0.036	2.828	-0.060	2.839	-0.075				
0.818	-0.018	0.824	0.022	0.833	0.061	0.846	0.057	2.851	-0.028	2.862	0.004	2.881	0.032	2.898	0.032				
0.855	0.026	0.866	-0.006	0.874	-0.034	0.885	-0.065	2.911	0.055	2.921	0.079	2.927	0.067	2.938	0.016				
0.900	-0.050	0.911	-0.046	0.919	-0.061	0.930	-0.069	2.943	-0.016	2.958	-0.059	2.967	-0.024	2.980	-0.004				
0.938	-0.030	0.946	0.025	0.957	0.073	0.968	0.065	2.987	-0.032	2.996	-0.067	3.007	-0.099	3.020	-0.059				
0.975	0.041	0.985	0.021	1.000	0.017	1.010	0.006	3.034	-0.008	3.052	-0.016	3.066	-0.020	3.076	-0.043				
1.022	-0.018	1.032	-0.034	1.044	-0.018	1.078	-0.006	3.091	-0.095	3.104	-0.047	3.120	-0.004	3.133	0.000				
1.108	-0.010	1.121	0.013	1.136	0.033	1.146	0.029	3.149	-0.032	3.157	-0.051	3.167	0.024	3.179	0.091				
1.157	-0.026	1.164	-0.082	1.186	-0.113	1.205	-0.098	3.189	0.079	3.195	0.051	3.200	0.024	3.209	-0.020				
1.215	-0.062	1.225	-0.003	1.235	0.033	1.241	0.080	3.217	-0.036	3.229	0.000	3.238	0.008	3.252	-0.030				
1.248	0.132	1.255	0.163	1.261	0.136	1.271	0.076	3.267	-0.032	3.280	0.024	3.287	0.075	3.303	0.130				
1.286	0.009	1.308	-0.011	1.329	-0.031	1.335	-0.054	3.312	0.115	3.339	0.063	3.349	0.095	3.360	0.063				
1.345	-0.106	1.352	-0.126	1.359	-0.141	1.371	-0.106	3.373	0.027	3.389	0.011	3.409	0.059	3.419	-0.001				
1.434	0.044	1.445	0.076	1.450	0.107	1.456	0.076	3.479	0.046	3.488	0.006	3.501	-0.037	3.525	-0.057				
1.461	0.036	1.468	0.000	1.477	-0.035	1.487	-0.023	3.541	-0.026	3.564	-0.014	3.582	-0.026	3.596	-0.046				
1.497	-0.015	1.505	-0.043	1.511	-0.071	1.527	-0.103	3.611	-0.082	3.631	-0.031	3.662	-0.039	3.691	-0.031				
1.535	-0.047	1.544	0.008	1.550	0.067	1.561	0.087	3.709	-0.047	3.723	-0.020	3.745	-0.008	3.778	0.031				
1.567	-0.071	1.576	0.032	1.586	0.008	1.592	-0.012	3.790	-0.012	3.816	-0.064	3.834	-0.037	3.851	-0.001				
1.607	0.016	1.614	0.004	1.620	-0.020	1.631	-0.052	3.867	-0.027	3.889	-0.001	3.907	-0.013	3.928	-0.033				
1.635	-0.059	1.644	-0.024	1.652	0.008	1.663	0.055	3.937	-0.006	3.948	0.046	3.961	0.105	3.975	0.117				
1.677	0.051	1.703	0.091	1.717	0.055	1.721	0.015	3.987	0.085	3.997	0.030	4.013	-0.034	4.033	-0.010				
1.741	-0.060	1.762	-0.052	1.793	-0.119	1.802	-0.080	4.067	-0.002	4.080	0.009	4.098	0.045	4.116	0.033				
1.817	-0.056	1.826	-0.037	1.838	-0.052	1.844	-0.056	4.127	0.009	4.146	-0.019	4.164	-0.038	4.183	-0.090				
1.870	0.023	1.882	0.063	1.890	0.098	1.900	0.099	4.195	-0.054	4.200	-0.019	4.213	0.048	4.219	0.040				

4.235	-0.011	4.242	-0.011	4.255	0.044	4.261	0.072	6.601	0.273	6.608	0.348	6.617	0.407	6.625	0.490
4.269	0.076	4.278	0.060	4.289	0.044	4.302	0.020	6.631	0.545	6.635	0.601	6.649	0.632	6.657	0.593
4.307	-0.004	4.316	-0.047	4.322	-0.087	4.331	-0.103	6.668	0.569	6.688	0.565	6.692	0.529	6.698	0.466
4.343	-0.075	4.356	-0.032	4.390	-0.004	4.405	-0.012	6.701	0.395	6.705	0.319	6.710	0.197	6.713	0.114
4.415	-0.056	4.428	-0.100	4.441	-0.068	4.452	-0.044	6.717	0.027	6.723	-0.060	6.726	-0.135	6.735	-0.223
4.471	-0.009	4.483	0.023	4.492	0.058	4.504	0.082	6.745	-0.262	6.761	-0.310	6.769	-0.349	6.781	-0.361
4.515	0.038	4.521	-0.005	4.538	-0.069	4.546	-0.013	6.792	-0.318	6.805	-0.294	6.830	-0.306	6.844	-0.267
4.559	0.034	4.566	0.065	4.580	0.046	4.599	0.034	6.859	-0.220	6.877	-0.168	6.890	-0.129	6.904	0.021
4.611	0.026	4.614	-0.002	4.623	-0.026	4.630	-0.093	6.911	0.092	6.923	0.317	6.927	0.416	6.934	0.535
4.642	-0.117	4.657	-0.105	4.670	-0.086	4.682	-0.026	6.943	0.618	6.956	0.685	6.965	0.653	6.973	0.594
4.696	-0.003	4.720	-0.019	4.742	-0.043	4.761	-0.074	6.983	0.526	6.990	0.475	6.999	0.447	7.007	0.396
4.766	-0.039	4.775	0.032	4.794	0.147	4.820	0.111	7.014	0.328	7.019	0.269	7.029	0.202	7.036	0.198
4.835	-0.075	4.844	-0.032	4.863	-0.119	4.871	-0.127	7.046	0.269	7.055	0.324	7.079	0.324	7.083	0.280
4.882	-0.099	4.897	-0.071	4.906	-0.044	4.917	-0.016	7.096	0.201	7.103	0.098	7.110	0.023	7.117	-0.171
4.928	0.019	4.945	0.047	4.956	0.031	4.964	0.011	7.125	-0.278	7.132	-0.373	7.147	-0.491	7.156	-0.468
4.981	-0.008	5.009	0.003	5.021	0.007	5.030	-0.005	7.163	-0.408	7.169	-0.318	7.174	-0.207	7.183	-0.045
5.041	-0.040	5.059	0.019	5.079	0.050	5.091	0.074	7.187	0.101	7.193	0.224	7.208	0.524	7.217	0.579
5.110	0.118	5.130	0.102	5.151	0.094	5.169	0.066	7.229	0.564	7.244	0.615	7.259	0.662	7.266	0.623
5.188	0.086	5.201	0.038	5.218	-0.001	5.236	-0.029	7.274	0.547	7.287	0.429	7.296	0.353	7.301	0.290
5.251	-0.057	5.269	-0.101	5.287	-0.144	5.301	-0.152	7.305	0.183	7.316	0.068	7.320	-0.003	7.323	-0.070
5.319	-0.073	5.325	-0.030	5.335	0.030	5.333	0.030	7.324	-0.121	7.334	-0.153	7.345	-0.114	7.350	-0.078
5.351	0.053	5.365	0.057	5.376	0.085	5.380	0.093	7.366	0.024	7.394	-0.027	7.406	-0.102	7.428	-0.095
5.388	0.061	5.396	0.002	5.410	-0.050	5.422	-0.026	7.441	-0.103	7.463	-0.143	7.487	-0.131	7.501	-0.179
5.432	0.018	5.452	0.081	5.475	0.097	5.492	0.116	7.503	-0.230	7.513	-0.341	7.520	-0.404	7.531	-0.444
5.514	0.124	5.533	0.156	5.546	0.136	5.550	0.081	7.550	-0.428	7.556	-0.369	7.568	-0.203	7.575	-0.104
5.562	-0.030	5.578	-0.058	5.597	-0.137	5.609	-0.200	7.578	-0.009	7.584	0.074	7.591	0.180	7.593	0.299
5.618	-0.271	5.618	-0.271	5.624	-0.327	5.630	-0.418	7.600	0.382	7.607	0.449	7.631	0.639	7.637	0.662
5.641	-0.449	5.653	-0.414	5.660	-0.347	5.667	-0.271	7.646	0.631	7.651	0.587	7.656	0.520	7.662	0.433
5.676	-0.204	5.685	-0.121	5.694	-0.070	5.703	-0.026	7.668	0.314	7.674	0.235	7.679	0.152	7.689	0.033
5.716	0.013	5.725	0.037	5.733	0.080	5.744	0.155	7.693	-0.058	7.709	-0.129	7.725	-0.066	7.743	-0.015
5.751	0.203	5.759	0.266	5.770	0.329	5.777	0.377	7.771	0.013	7.779	-0.007	7.787	-0.082	7.792	-0.166
5.788	0.416	5.799	0.412	5.807	0.385	5.811	0.361	7.810	-0.399	7.823	-0.530	7.839	-0.605	7.847	-0.538
5.819	0.302	5.826	0.258	5.834	0.187	5.840	0.143	7.857	-0.427	7.866	-0.297	7.873	-0.206	7.890	-0.111
5.849	0.076	5.857	0.017	5.862	-0.039	5.870	-0.126	7.907	-0.040	7.926	0.015	7.945	0.058	7.964	0.129
5.875	-0.177	5.882	-0.236	5.888	-0.248	5.900	-0.201	7.975	0.200	7.986	0.295	7.993	0.422	8.004	0.528
5.915	-0.118	5.924	-0.079	5.939	-0.063	5.945	-0.083	8.015	0.576	8.023	0.598	8.031	0.461	8.035	0.378
5.958	-0.091	5.969	-0.063	5.985	-0.039	5.994	-0.036	8.043	0.235	8.048	0.105	8.057	-0.046	8.068	-0.220
6.001	-0.051	6.007	-0.075	6.023	-0.103	6.035	-0.103	8.083	-0.366	8.094	-0.386	8.102	-0.347	8.111	-0.268
6.054	-0.083	6.061	-0.071	6.071	-0.040	6.081	-0.008	8.117	-0.157	8.125	-0.054	8.132	-0.011	8.140	-0.058
6.093	-0.000	6.112	0.003	6.121	0.035	6.133	0.066	8.170	-0.122	8.185	-0.173	8.194	-0.304	8.197	-0.367
6.142	0.074	6.151	0.043	6.160	0.019	6.173	-0.021	8.213	-0.439	8.226	-0.368	8.241	-0.316	8.250	-0.233
6.190	-0.041	6.201	-0.029	6.207	-0.057	6.219	-0.148	8.256	-0.170	8.262	-0.087	8.266	0.012	8.274	0.150
6.233	-0.171	6.259	-0.104	6.266	-0.041	6.271	0.046	8.276	0.237	8.281	0.308	8.296	0.415	8.305	0.422
6.277	-0.109	6.282	0.200	6.288	0.342	6.293	0.473	8.333	0.493	8.342	0.454	8.349	0.394	8.358	0.335
6.299	0.619	6.305	0.738	6.312	0.848	6.325	0.943	8.362	0.295	8.369	0.196	8.379	0.117	8.392	-0.049
6.333	0.919	6.339	0.856	6.345	0.765	6.354	0.678	8.398	-0.101	8.406	-0.144	8.432	-0.251	8.441	-0.228
6.364	0.595	6.372	0.539	6.381	0.448	6.392	0.389	8.453	-0.129	8.472	-0.090	8.485	-0.058	8.493	-0.003
6.399	0.290	6.405	0.223	6.407	0.168	6.413	0.092	8.505	0.104	8.519	0.163	8.530	0.147	8.542	0.123
6.416	0.005	6.421	-0.086	6.422	-0.196	6.427	-0.272	8.567	0.190	8.588	0.118	8.594	0.106	8.603	0.138
6.428	-0.386	6.433	-0.469	6.437	-0.576	6.443	-0.659	8.625	0.359	8.641	0.556	8.651	0.592	8.665	0.548
6.450	-0.746	6.454	-0.794	6.457	-0.857	6.462	-0.932	8.684	0.492	8.702	0.469	8.731	0.429	8.754	0.381
6.469	-0.956	6.481	-0.980	6.488	-0.956	6.491	-0.905	8.768	0.329	8.777	0.293	8.803	0.186	8.808	0.115
6.494	-0.837	6.500	-0.747	6.504	-0.640	6.508	-0.545	8.814	0.028	8.823	-0.071	8.834	-0.261	8.845	-0.415
6.514	-0.458	6.516	-0.391	6.523	-0.312	6.539	-0.265	8.849	-0.498	8.858	-0.582	8.874	-0.641	8.881	-0.618
6.546	-0.229	6.551	-0.162	6.556	-0.087	6.561	0.000	8.893	-0.547	8.906	-0.227	8.917	-0.057	8.924	0.058
6.566	0.071	6.570	0.143	6.573	0.214	6.579	0.265	8.935	0.180	8.948	0.275	8.954	0.243	8.963	0.184

8.978	-0.026	8.989	-0.082	8.997	-0.066	9.014	0.092	11.370	0.064	11.376	0.100	11.381	0.135	11.389	0.178
9.027	0.214	9.049	0.427	9.059	0.384	9.067	0.245	11.393	0.218	11.396	0.254	11.400	0.281	11.404	0.313
9.071	0.166	9.077	-0.020	9.087	-0.285	9.094	-0.416	11.406	0.344	11.410	0.372	11.414	0.423	11.418	0.459
9.096	-0.507	9.100	-0.574	9.109	-0.701	9.123	-0.796	11.422	0.494	11.424	0.514	11.428	0.550	11.433	0.577
9.134	-0.717	9.144	-0.610	9.154	-0.535	9.163	-0.468	11.437	0.684	11.439	0.732	11.443	0.763	11.449	0.870
9.176	-0.409	9.189	-0.350	9.207	-0.267	9.212	-0.291	11.452	0.913	11.454	0.961	11.457	1.004	11.461	1.048
9.219	-0.331	9.224	-0.371	9.230	-0.446	9.243	-0.529	11.466	1.071	11.469	1.111	11.472	1.123	11.481	1.150
9.260	-0.569	9.270	-0.569	9.276	-0.526	9.283	-0.463	11.487	1.166	11.497	1.154	11.503	1.126	11.505	1.099
9.287	-0.261	9.298	-0.052	9.303	0.091	9.312	0.221	11.509	1.059	11.514	1.023	11.517	0.964	11.520	0.909
9.318	0.284	9.328	0.276	9.338	0.201	9.343	0.133	11.521	0.841	11.523	0.754	11.527	0.648	11.529	0.580
9.347	0.035	9.350	-0.053	9.355	-0.120	9.358	-0.195	11.530	0.470	11.533	0.391	11.536	0.335	11.540	0.232
9.364	-0.282	9.368	-0.373	9.375	-0.456	9.383	-0.516	11.545	0.173	11.547	0.125	11.553	0.090	11.560	0.094
9.392	-0.500	9.397	-0.433	9.407	-0.338	9.409	-0.247	11.565	0.109	11.572	0.082	11.582	0.046	11.585	0.003
9.416	-0.145	9.433	-0.082	9.453	-0.106	9.464	-0.082	11.588	-0.033	11.593	-0.061	11.598	-0.081	11.604	-0.097
9.491	-0.094	9.509	-0.122	9.525	-0.067	9.537	-0.099	11.613	-0.116	11.621	-0.144	11.625	-0.172	11.629	-0.204
9.546	-0.166	9.561	-0.325	9.572	-0.372	9.591	-0.468	11.635	-0.247	11.639	-0.306	11.644	-0.401	11.647	-0.457
9.613	-0.511	9.625	-0.476	9.633	-0.389	9.638	-0.298	11.648	-0.508	11.654	-0.548	11.656	-0.568	11.664	-0.587
9.642	-0.223	9.648	-0.085	9.659	0.200	9.667	0.346	11.667	-0.576	11.671	-0.552	11.677	-0.501	11.683	-0.453
9.674	0.413	9.685	0.484	9.694	0.598	9.716	0.713	11.683	-0.453	11.684	-0.453	11.692	-0.283	11.692	-0.200
9.722	0.673	9.728	0.626	9.732	0.499	9.738	0.297	11.699	-0.117	11.704	-0.003	11.710	0.049	11.713	0.116
9.742	0.111	9.747	-0.094	9.751	-0.320	9.758	-0.474	11.716	0.171	11.716	0.199	11.726	0.242	11.735	0.286
9.764	-0.601	9.771	-0.668	9.785	-0.660	9.800	-0.704	11.744	0.349	11.750	0.373	11.759	0.333	11.765	0.293
9.813	-0.621	9.821	-0.451	9.824	-0.254	9.829	-0.096	11.771	0.262	11.775	0.238	11.783	0.198	11.785	0.171
9.842	0.426	9.852	0.517	9.856	0.505	9.867	0.442	11.790	0.119	11.796	0.091	11.799	0.076	11.809	0.036
9.883	0.473	9.892	0.517	9.903	0.469	9.906	0.398	11.812	0.004	11.820	0.020	11.827	0.075	11.832	0.135
9.913	0.307	9.919	0.212	9.939	0.149	9.950	0.093	11.838	0.166	11.845	0.225	11.845	0.273	11.851	0.316
9.957	0.018	9.964	-0.057	9.967	-0.136	9.972	-0.235	11.857	0.364	11.861	0.399	11.867	0.439	11.873	0.474
10.028	-0.401	10.035	-0.453	10.040	-0.512	10.049	-0.571	11.880	0.494	11.885	0.502	11.895	0.478	11.899	0.435
10.060	-0.520	10.072	-0.389	10.080	-0.223	10.089	-0.061	11.903	0.395	11.912	0.344	11.916	0.300	11.924	0.284
10.101	0.034	10.125	0.148	10.136	0.120	10.148	0.037	11.931	0.312	11.940	0.348	11.944	0.363	11.949	0.407
10.162	-0.089	10.182	-0.196	10.189	-0.200	10.201	-0.161	11.956	0.419	11.961	0.442	11.965	0.478	11.971	0.502
10.230	-0.109	10.246	-0.090	10.269	-0.141	10.308	-0.129	11.979	0.466	11.986	0.411	11.990	0.355	11.995	0.256
10.326	-0.050	10.330	0.013	10.336	0.112	10.346	0.175	12.001	0.466	12.008	0.490	12.012	0.027	12.022	-0.013
10.355	0.179	10.364	0.135	10.387	-0.003	10.409	-0.137	12.029	-0.052	12.036	-0.084	12.038	-0.108	12.048	-0.135
10.426	-0.216	10.437	-0.216	10.455	-0.070	10.466	-0.035	12.054	-0.088	12.063	-0.060	12.073	-0.005	12.079	0.023
10.475	-0.058	10.482	-0.137	10.491	-0.224	10.502	-0.315	12.084	0.058	12.108	0.058	12.117	0.094	12.126	0.070
10.514	-0.315	10.524	-0.240	10.535	-0.169	10.566	-0.062	12.136	0.046	12.154	0.032	12.163	0.165	12.169	0.244
10.576	0.005	10.608	0.029	10.626	0.064	10.640	0.120	12.172	0.311	12.180	0.347	12.186	0.430	12.189	0.465
10.651	0.128	10.658	0.084	10.667	0.005	10.677	-0.082	12.230	0.623	12.235	0.659	12.241	0.675	12.248	0.655
10.687	-0.102	10.696	-0.035	10.705	0.044	10.714	0.131	12.256	0.611	12.262	0.572	12.269	0.516	12.275	0.496
10.726	0.167	10.742	0.226	10.755	0.199	10.763	0.151	12.283	0.481	12.290	0.441	12.300	0.398	12.305	0.374
10.770	0.076	10.777	-0.023	10.782	-0.133	10.801	-0.280	12.313	0.330	12.321	0.287	12.326	0.251	12.335	0.227
10.812	-0.327	10.820	-0.402	10.830	-0.470	10.841	-0.541	12.341	0.283	12.347	0.295	12.357	0.263	12.363	0.223
10.857	-0.620	10.872	-0.711	10.893	-0.790	10.910	-0.727	12.372	0.164	12.380	0.105	12.387	0.042	12.395	-0.038
10.917	-0.640	10.929	-0.435	10.936	-0.320	10.945	-0.162	12.405	-0.081	12.412	-0.172	12.420	-0.255	12.424	-0.310
10.959	-0.063	10.970	0.079	11.001	0.166	11.026	0.162	12.434	-0.413	12.439	-0.472	12.449	-0.508	12.458	-0.488
11.041	0.233	11.095	0.189	11.125	0.244	11.139	0.248	12.467	-0.461	12.475	-0.401	12.483	-0.378	12.488	-0.330
11.168	0.066	11.192	0.038	11.212	0.006	11.222	-0.065	12.494	-0.299	12.499	-0.255	12.506	-0.208	12.510	-0.160
11.231	-0.176	11.240	-0.291	11.246	-0.374	11.251	-0.413	12.523	-0.136	12.532	-0.164	12.539	-0.200	12.546	-0.231
11.260	-0.489	11.262	-0.512	11.267	-0.540	11.269	-0.552	12.556	-0.200	12.562	-0.148	12.568	-0.101	12.573	0.002
11.274	-0.576	11.280	-0.580	11.285	-0.584	11.294	-0.576	12.578	0.053	12.584	0.156	12.594	0.275	12.600	0.370
11.303	-0.548	11.309	-0.509	11.314	-0.469	11.317	-0.446	12.607	0.449	12.613	0.500	12.620	0.544	12.626	0.512
11.325	-0.418	11.326	-0.378	11.331	-0.359	11.334	-0.319	12.638	0.603	12.645	0.528	12.648	0.496	12.655	0.445
11.340	-0.296	11.343	-0.276	11.348	-0.232	11.352	-0.181	12.664	0.330	12.671	0.291	12.679	0.251	12.691	0.251
11.355	-0.130	11.359	-0.106	11.363	-0.035	11.365	0.009	12.698	0.279	12.703	0.291	12.709	0.299	12.719	0.279



12.725	0.263	12.731	0.200	12.738	0.144	12.764	0.077	14.615	-0.375	14.624	-0.355	14.632	-0.331	14.637	-0.300
12.751	0.038	12.758	0.006	12.761	-0.018	12.767	-0.038	14.644	-0.240	14.650	-0.197	14.654	-0.157	14.657	-0.110
12.774	-0.057	12.781	-0.085	12.787	-0.105	12.800	-0.136	14.666	-0.086	14.675	-0.019	14.684	-0.003	14.692	-0.012
12.810	-0.109	12.817	-0.093	12.824	-0.077	12.832	-0.002	14.700	0.024	14.709	0.036	14.722	0.048	14.731	0.008
12.838	0.042	12.842	0.077	12.846	0.101	12.857	0.117	14.734	-0.019	14.739	-0.043	14.746	-0.067	14.755	-0.087
12.866	0.093	12.874	0.073	12.883	0.046	12.893	0.022	14.761	-0.106	14.772	-0.106	14.780	-0.099	14.790	-0.087
12.899	-0.030	12.902	-0.069	12.907	-0.093	12.911	-0.144	14.800	-0.071	14.809	-0.087	14.814	-0.107	14.829	-0.138
12.915	-0.168	12.922	-0.192	12.928	-0.172	12.933	-0.132	14.841	-0.134	14.849	-0.119	14.862	-0.127	14.871	-0.135
12.940	-0.089	12.945	-0.057	12.954	-0.025	12.961	0.002	14.886	-0.135	14.891	-0.103	14.902	-0.076	14.904	-0.036
12.969	-0.021	12.977	-0.065	12.987	-0.108	12.995	-0.104	14.914	-0.001	14.922	0.023	14.932	-0.009	14.942	-0.025
13.006	-0.100	13.014	-0.089	13.024	-0.061	13.032	-0.085	14.951	-0.049	14.960	-0.037	14.971	-0.029	14.981	-0.049
13.082	-0.104	13.094	-0.120	13.062	-0.108	13.070	-0.092	14.991	-0.092	15.001	-0.132	15.009	-0.140	15.015	-0.124
13.083	-0.092	13.094	-0.108	13.100	-0.077	13.116	-0.009	15.023	-0.081	15.027	-0.041	15.033	0.002	15.039	0.057
13.122	0.006	13.128	0.018	13.134	-0.009	13.142	-0.033	15.044	0.085	15.058	0.109	15.064	0.093	15.073	0.089
13.147	-0.069	13.150	-0.108	13.156	-0.140	13.162	-0.163	15.081	0.085	15.092	0.096	15.102	0.080	15.110	0.061
13.168	-0.175	13.178	-0.136	13.186	-0.096	13.196	-0.057	15.118	0.045	15.125	0.013	15.135	0.001	15.144	-0.003
13.206	0.003	13.215	0.038	13.220	0.078	13.225	0.098	15.154	-0.003	15.165	-0.007	15.173	-0.007	15.181	-0.003
13.231	0.121	13.242	0.106	13.255	0.058	13.264	0.074	15.187	0.012	15.194	0.020	15.201	0.044	15.206	0.060
13.274	0.034	13.280	0.019	13.289	0.007	13.299	0.035	15.217	0.060	15.224	0.071	15.231	0.075	15.238	0.083
13.307	0.054	13.316	0.066	13.328	0.050	13.337	0.015	15.245	0.083	15.252	0.091	15.256	0.095	15.267	0.083
13.346	-0.021	13.356	-0.044	13.364	-0.076	13.373	-0.112	15.281	0.067	15.288	0.059	15.297	0.043	15.304	0.023
13.380	-0.135	13.390	-0.171	13.396	-0.187	13.407	-0.214	15.316	-0.009	15.327	-0.025	15.338	-0.044	15.347	-0.068
13.416	-0.202	13.432	-0.175	13.442	-0.190	13.459	-0.206	15.356	-0.088	15.363	-0.100	15.368	-0.108	15.374	-0.108
13.464	-0.218	13.477	-0.190	13.486	-0.151	13.495	-0.115	15.382	-0.108	15.392	-0.092	15.402	-0.073	15.413	-0.085
13.513	-0.079	13.522	-0.044	13.530	-0.067	13.541	-0.095	15.420	-0.093	15.433	-0.109	15.443	-0.109	15.454	-0.109
13.551	-0.103	13.557	-0.127	13.563	-0.150	13.572	-0.166	15.463	-0.109	15.474	-0.117	15.483	-0.121	15.497	-0.133
13.581	-0.146	13.587	-0.142	13.596	-0.119	13.603	-0.111	15.509	-0.141	15.518	-0.153	15.524	-0.173	15.529	-0.197
13.612	-0.142	13.618	-0.174	13.627	-0.237	13.637	-0.300	15.535	-0.212	15.545	-0.220	15.554	-0.213	15.563	-0.189
13.648	-0.348	13.651	-0.375	13.660	-0.399	13.665	-0.419	15.569	-0.150	15.575	-0.090	15.584	-0.063	15.590	-0.039
13.674	-0.435	13.681	-0.395	13.688	-0.352	13.693	-0.280	15.594	-0.019	15.603	-0.015	15.610	-0.008	15.618	-0.012
13.700	-0.197	13.706	-0.150	13.712	-0.122	13.719	-0.086	15.633	-0.004	15.648	-0.036	15.648	-0.036	15.655	-0.055
13.731	-0.114	13.738	-0.154	13.745	-0.185	13.757	-0.157	15.660	-0.079	15.665	-0.099	15.671	-0.111	15.678	-0.127
13.763	-0.146	13.773	-0.157	13.786	-0.165	13.794	-0.118	15.688	-0.139	15.699	-0.127	15.710	-0.107	15.717	-0.108
13.800	-0.070	13.801	-0.019	13.810	0.025	13.814	0.048	15.735	-0.100	15.744	-0.124	15.751	-0.136	15.759	-0.147
13.822	-0.072	13.831	0.044	13.841	0.021	13.851	-0.007	15.764	-0.175	15.768	-0.191	15.776	-0.211	15.782	-0.235
13.859	0.041	13.863	0.064	13.872	0.120	13.881	0.128	15.790	-0.247	15.801	-0.211	15.808	-0.176	15.820	-0.112
13.890	0.132	13.904	0.116	13.914	0.088	13.927	0.088	15.830	-0.069	15.836	-0.030	15.844	-0.010	15.851	0.038
13.934	0.072	13.944	0.057	13.951	0.045	13.964	0.049	15.860	0.037	15.875	0.049	15.890	0.089	15.902	0.132
13.975	0.057	13.985	0.068	13.956	0.076	14.010	0.072	15.915	0.191	15.925	0.219	15.939	0.231	15.952	0.246
14.016	0.053	14.024	0.013	14.031	-0.022	14.035	-0.054	15.959	0.250	15.965	0.258	15.977	0.238	15.986	0.215
14.040	-0.086	14.050	-0.113	14.058	-0.133	14.067	-0.113	15.995	0.199	16.001	0.183	16.011	0.163	16.029	0.151
14.077	-0.097	14.087	-0.070	14.094	-0.057	14.106	-0.161	16.046	0.139	16.060	0.131	16.076	0.115	16.088	0.107
14.112	-0.196	14.123	-0.216	14.144	-0.224	14.151	-0.247	16.097	0.099	16.106	0.076	16.118	0.048	16.127	0.020
14.160	-0.283	14.166	-0.307	14.176	-0.311	14.193	-0.299	16.135	-0.004	16.143	-0.027	16.150	-0.043	16.157	-0.063
14.209	-0.323	14.219	-0.303	14.226	-0.279	14.235	-0.259	16.165	-0.079	16.178	-0.079	16.187	-0.087	16.197	-0.095
14.246	-0.283	14.260	-0.299	14.271	-0.314	14.284	-0.291	16.205	-0.099	16.216	-0.107	16.225	-0.091	16.237	-0.064
14.295	-0.251	14.305	-0.216	14.312	-0.176	14.317	-0.148	16.248	-0.036	16.259	-0.044	16.276	-0.044	16.283	-0.005
14.324	-0.125	14.332	-0.101	14.345	-0.081	14.358	-0.113	16.292	0.011	16.299	0.019	16.310	-0.005	16.318	-0.036
14.365	-0.152	14.368	-0.172	14.373	-0.188	14.381	-0.200	16.326	-0.056	16.336	-0.084	16.344	-0.072	16.354	-0.041
14.393	-0.216	14.404	-0.192	14.417	-0.113	14.423	-0.077	16.361	-0.017	16.371	-0.005	16.384	0.007	16.398	0.018
14.429	-0.018	14.439	0.053	14.445	0.132	14.451	0.183	16.414	0.066	16.425	0.042	16.434	0.034	16.441	0.018
14.457	0.223	14.463	0.247	14.470	0.270	14.482	0.231	16.451	0.006	16.462	-0.006	16.471	-0.014	16.483	-0.030
14.489	0.207	14.494	0.191	14.502	0.156	14.512	0.116	16.492	-0.037	16.504	-0.049	16.521	-0.038	16.531	-0.018
14.524	0.061	14.531	0.029	14.544	-0.046	14.550	-0.086	16.544	-0.018	16.556	-0.037	16.566	0.049	16.576	0.073
14.560	-0.145	14.569	-0.197	14.579	-0.240	14.580	-0.260	16.590	0.092	16.602	0.108	16.615	0.124	16.626	0.152
14.589	-0.284	14.595	-0.315	14.602	-0.343	14.607	-0.355	16.635	0.171	16.641	0.187	16.650	0.207	16.661	0.187

16.673	0.167	16.682	0.143	16.689	0.116	16.696	0.072	18.826	0.002	18.831	-0.022	18.839	-0.053	18.845	-0.065
16.703	0.036	16.708	0.005	16.715	-0.023	16.720	-0.039	18.851	-0.081	18.858	-0.097	18.869	-0.073	18.878	-0.053
16.729	-0.051	16.738	-0.043	16.748	-0.027	16.760	-0.011	18.887	-0.034	18.894	-0.018	18.903	-0.014	18.912	-0.030
16.760	0.008	16.775	0.024	16.785	0.040	16.792	0.044	18.921	-0.045	18.925	-0.077	18.933	-0.101	18.938	-0.121
16.806	0.024	16.819	0.004	16.827	0.028	16.835	0.059	18.951	-0.132	18.962	-0.136	18.974	-0.125	18.986	-0.121
16.844	-0.087	16.852	-0.123	16.856	-0.142	16.862	-0.158	18.995	-0.093	19.000	-0.069	19.005	-0.045	19.012	-0.026
16.869	-0.174	16.878	-0.178	16.886	-0.161	16.898	-0.151	18.995	-0.093	19.000	-0.069	19.005	-0.045	19.012	-0.026
16.908	-0.123	16.921	-0.127	16.932	-0.127	16.946	-0.128	19.060	-0.057	19.070	-0.057	19.082	-0.065	19.090	-0.081
16.955	-0.128	16.966	-0.128	16.976	-0.128	16.985	-0.108	19.100	-0.093	19.112	-0.065	19.120	-0.038	19.131	-0.006
16.996	-0.045	17.005	-0.045	17.018	-0.010	17.028	0.022	19.143	0.090	19.150	0.085	19.157	0.113	19.166	0.129
17.035	0.049	17.043	0.073	17.049	0.101	17.057	0.109	19.174	0.140	19.181	0.148	19.190	0.125	19.202	0.089
17.066	0.120	17.080	0.108	17.092	0.092	17.105	0.084	19.213	0.045	19.221	0.006	19.230	-0.030	19.238	-0.061
17.119	0.092	17.130	0.108	17.142	0.131	17.152	0.163	19.248	-0.093	19.256	-0.132	19.269	-0.180	19.275	-0.200
17.163	0.195	17.171	0.226	17.177	0.250	17.183	0.265	19.286	-0.215	19.299	-0.200	19.309	-0.176	19.320	-0.160
17.194	0.277	17.207	0.265	17.215	0.249	17.223	0.222	19.326	-0.132	19.333	-0.109	19.341	-0.081	19.348	-0.057
17.230	0.182	17.238	0.150	17.244	0.134	17.255	0.122	19.358	-0.077	19.372	-0.081	19.390	-0.069	19.399	-0.093
17.265	0.146	17.275	0.158	17.281	0.174	17.297	0.162	19.411	-0.109	19.423	-0.093	19.432	-0.109	19.442	-0.082
17.308	0.138	17.312	0.114	17.320	0.074	17.327	0.051	19.451	-0.058	19.459	-0.038	19.466	-0.011	19.471	0.005
17.337	0.031	17.347	0.074	17.355	0.102	17.362	0.153	19.480	0.025	19.493	0.025	19.502	0.013	19.512	0.017
17.367	0.177	17.376	0.204	17.392	0.204	17.407	0.204	19.524	0.025	19.536	0.005	19.545	-0.031	19.551	-0.055
17.420	0.208	17.428	0.200	17.440	0.196	17.451	0.188	19.556	-0.067	19.568	-0.071	19.585	-0.039	19.593	-0.063
17.461	0.188	17.471	0.180	17.482	0.183	17.491	0.191	19.606	-0.075	19.617	-0.075	19.626	-0.079	19.635	-0.071
17.501	0.179	17.512	0.167	17.527	0.147	17.541	0.167	19.640	-0.071	19.663	-0.075	19.680	-0.036	19.691	-0.024
17.552	0.183	17.565	0.179	17.578	0.194	17.593	0.190	19.705	0.016	19.714	0.051	19.730	0.075	19.742	0.087
17.607	0.178	17.614	0.162	17.620	0.131	17.626	0.087	19.753	0.114	19.760	0.130	19.773	0.146	19.785	0.130
17.633	0.091	17.638	0.012	17.644	-0.012	17.651	-0.048	19.793	0.098	19.802	0.059	19.810	0.031	19.819	-0.005
17.658	-0.007	17.667	-0.075	17.677	-0.064	17.688	-0.032	19.827	-0.025	19.839	-0.044	19.850	-0.017	19.863	-0.013
17.698	-0.005	17.707	0.011	17.713	0.043	17.725	0.055	19.876	0.014	19.890	0.034	19.899	0.058	19.911	0.089
17.730	0.070	17.736	0.086	17.747	0.102	17.759	0.086	19.919	0.117	19.927	0.144	19.935	0.184	19.948	0.199
17.774	0.070	17.784	0.054	17.793	0.046	17.806	0.038	19.960	0.231	19.966	0.242	19.977	0.226	19.988	0.214
17.817	0.022	17.821	0.030	17.833	0.053	17.842	0.069	20.002	0.234	20.016	0.250	20.025	0.226	20.042	0.198
17.852	0.061	17.867	0.045	17.878	0.021	17.887	0.002	20.060	0.217	20.074	0.213	20.085	0.197	20.098	0.177
17.898	-0.014	17.911	-0.018	17.923	-0.034	17.934	-0.035	20.109	0.189	20.124	0.213	20.134	0.193	20.148	0.165
17.949	-0.023	17.957	-0.003	17.967	0.021	17.975	0.056	20.163	0.121	20.173	0.093	20.185	0.065	20.193	0.046
17.981	0.084	17.992	0.115	18.005	0.111	18.016	0.115	20.203	0.030	20.222	0.041	20.234	0.053	20.250	0.065
18.041	0.115	18.037	0.127	18.052	0.119	18.064	0.114	20.261	0.064	20.276	0.060	20.287	0.068	20.298	0.048
18.072	0.126	18.079	0.130	18.086	0.126	18.095	0.098	20.307	0.036	20.315	0.024	20.325	0.032	20.342	0.028
18.105	0.067	18.113	0.035	18.120	-0.017	18.127	-0.056	20.353	0.020	20.364	-0.000	20.377	0.023	20.388	0.043
18.135	-0.092	18.143	-0.112	18.151	-0.128	18.158	-0.136	20.396	0.043	20.404	0.050	20.418	0.030	20.431	-0.013
18.167	-0.136	18.176	-0.144	18.187	-0.136	18.197	-0.152	20.446	-0.053	20.461	-0.089	20.470	-0.117	20.479	-0.137
18.207	-0.164	18.212	-0.180	18.217	-0.203	18.227	-0.211	20.491	-0.149	20.501	-0.129	20.511	-0.122	20.524	-0.126
18.240	-0.192	18.249	-0.168	18.255	-0.133	18.260	-0.101	20.531	-0.134	20.542	-0.146	20.552	-0.158	20.563	-0.142
18.268	-0.077	18.278	-0.058	18.284	-0.054	18.292	-0.038	20.586	-0.103	20.600	-0.080	20.612	-0.080	20.638	-0.128
18.299	-0.026	18.305	-0.026	18.311	-0.026	18.321	-0.046	20.644	-0.132	20.653	-0.108	20.674	-0.053	20.688	-0.018
18.330	-0.062	18.336	-0.114	18.342	-0.129	18.351	-0.149	20.701	-0.058	20.726	-0.114	20.740	-0.130	20.747	-0.138
18.361	-0.169	18.370	-0.149	18.383	-0.114	18.393	-0.094	20.757	-0.126	20.775	-0.071	20.786	-0.055	20.798	-0.071
18.406	-0.094	18.419	-0.094	18.426	-0.075	18.436	-0.098	20.805	-0.111	20.817	-0.155	20.825	-0.187	20.835	-0.218
18.449	-0.098	18.460	-0.103	18.474	-0.103	18.484	-0.103	20.853	-0.230	20.857	-0.211	20.866	-0.191	20.874	-0.171
18.491	-0.103	18.506	-0.083	18.516	-0.075	18.521	-0.067	20.883	-0.140	20.890	-0.124	20.899	-0.109	20.904	-0.105
18.534	-0.087	18.552	-0.115	18.560	-0.135	18.574	-0.159	20.914	-0.117	20.924	-0.129	20.932	-0.149	20.941	-0.164
18.580	-0.174	18.591	-0.186	18.600	-0.198	18.612	-0.175	20.961	-0.169	20.968	-0.149	20.976	-0.141	20.980	-0.114
18.622	-0.159	18.628	-0.131	18.639	-0.119	18.655	-0.119	20.993	-0.098	21.007	-0.063	21.021	-0.043	21.028	-0.035
18.665	-0.116	18.677	-0.112	18.691	-0.104	18.704	-0.104	21.036	-0.027	21.058	-0.063	21.068	-0.071	21.080	-0.044
18.713	-0.100	18.723	-0.092	18.735	-0.108	18.746	-0.112	21.089	-0.032	21.097	-0.016	21.114	-0.025	21.133	-0.041
18.757	-0.108	18.762	-0.092	18.774	-0.057	18.780	-0.029	21.146	-0.029	21.156	-0.053	21.169	-0.033	21.178	-0.021
18.786	0.002	18.795	0.022	18.803	0.030	18.815	0.030	21.196	-0.041	21.208	-0.054	21.228	-0.042	21.239	-0.070

21.256	-0.098	21.272	-0.126	21.283	-0.149	21.297	-0.181	24.787	-0.135	24.807	-0.123	24.823	-0.083	24.840	-0.051
21.308	-0.201	21.314	-0.201	21.327	-0.178	21.338	-0.154	24.861	-0.063	24.879	-0.103	24.901	-0.122	24.918	-0.083
21.348	-0.146	21.358	-0.154	21.371	-0.170	21.383	-0.166	24.934	-0.051	24.954	-0.047	24.969	-0.051	24.984	-0.027
21.391	-0.166	21.402	-0.166	21.412	-0.182	21.423	-0.214	24.998	0.009	25.015	0.044	25.031	0.080	25.055	0.084
21.430	-0.234	21.443	-0.222	21.460	-0.206	21.474	-0.198	25.076	0.080	25.092	0.084	25.112	0.072	25.129	0.045
21.476	-0.179	21.485	-0.155	21.493	-0.127	21.500	-0.104	25.142	0.013	25.158	0.022	25.183	0.034	25.205	0.002
21.510	-0.092	21.527	-0.096	21.545	-0.057	21.554	-0.029	25.222	0.043	25.240	0.089	25.259	0.069	25.274	0.069
21.563	-0.001	21.573	0.034	21.581	0.086	21.592	0.109	25.282	0.013	25.310	0.014	25.333	0.010	25.346	0.164
21.608	0.125	21.621	0.129	21.633	0.137	21.646	0.125	25.361	0.030	25.379	0.089	25.390	0.129	25.406	0.164
21.660	0.121	21.672	0.113	21.684	0.109	21.696	0.105	25.424	-0.148	25.444	-0.089	25.471	-0.065	25.490	-0.097
21.703	0.101	21.715	0.085	21.729	0.049	21.740	0.025	25.509	-0.093	25.523	-0.085	25.542	-0.034	25.564	0.002
21.750	0.017	21.768	0.017	21.787	0.017	21.804	0.025	25.582	0.022	25.607	0.065	25.631	0.101	25.649	0.117
21.819	0.025	21.837	0.029	21.851	0.060	21.877	0.086	25.676	0.101	25.697	0.061	25.727	0.038	25.746	0.002
21.890	0.108	21.906	0.136	21.923	0.112	21.940	0.088	25.768	-0.045	25.786	-0.081	25.811	-0.053	25.835	-0.081
21.960	0.049	21.979	0.021	21.994	-0.007	22.005	-0.022	25.861	-0.089	25.885	-0.081	25.908	-0.061	25.933	-0.057
22.033	-0.046	22.043	-0.026	22.057	-0.014	22.084	-0.018	25.955	-0.077	25.982	-0.053	25.998	-0.026	26.019	0.018
22.099	0.005	22.113	0.013	22.132	-0.002	22.147	0.026	26.043	-0.006	26.065	-0.049	26.083	-0.077	26.111	-0.053
22.160	-0.058	22.173	-0.097	22.187	-0.121	22.200	-0.093	26.136	-0.030	26.164	-0.026	26.184	-0.026	26.213	-0.010
22.218	-0.046	22.232	-0.014	22.245	0.026	22.256	-0.014	26.239	-0.006	26.267	-0.022	26.291	-0.061	26.318	-0.081
22.267	-0.054	22.281	-0.093	22.294	-0.105	22.312	-0.105	26.350	-0.057	26.375	-0.014	26.398	0.030	26.421	-0.061
22.330	-0.089	22.351	-0.038	22.364	-0.034	22.387	-0.034	26.446	0.093	26.468	0.077	26.487	0.025	26.505	-0.014
22.395	-0.034	22.410	-0.022	22.427	-0.022	22.440	-0.037	26.531	-0.026	26.554	-0.026	26.577	-0.034	26.601	0.001
22.452	-0.066	22.470	-0.029	22.485	0.014	22.509	0.038	26.617	0.029	26.634	0.073	26.650	0.088	26.667	0.073
22.524	0.066	22.547	0.077	22.566	0.081	22.591	0.097	26.687	0.045	26.711	0.001	26.736	-0.015	26.764	0.041
22.614	0.125	22.633	0.157	22.656	0.157	22.671	0.141	26.782	0.060	26.804	0.033	26.827	0.021	26.847	0.001
22.687	0.105	22.701	0.082	22.713	0.074	22.733	0.078	26.866	0.009	26.882	-0.017	26.900	-0.011	26.919	-0.035
22.746	0.086	22.758	0.074	22.768	0.050	22.783	0.034	26.946	-0.043	26.967	-0.051	26.993	-0.059	27.021	-0.063
22.802	0.050	22.816	0.070	22.839	0.062	22.856	0.062	27.049	-0.027	27.071	0.008	27.097	0.016	27.114	0.028
22.877	0.046	22.901	0.050	22.925	0.081	22.946	0.101	27.139	0.012	27.164	0.004	27.183	0.008	27.208	0.000
22.965	0.128	22.984	0.136	23.006	0.112	23.029	0.088	27.230	-0.016	27.253	-0.039	27.277	-0.051	27.299	-0.036
23.047	0.072	23.065	0.076	23.079	0.064	23.095	0.016	27.323	-0.043	27.345	-0.016	27.366	0.016	27.382	0.051
23.113	-0.027	23.136	-0.028	23.159	-0.004	23.181	0.055	27.396	0.052	27.415	0.032	27.437	-0.008	27.458	-0.020
23.203	0.082	23.222	0.074	23.246	0.098	23.272	0.109	27.479	0.004	27.501	0.032	27.530	0.016	27.554	-0.007
23.293	0.121	23.302	0.113	23.311	0.117	23.320	0.121	27.575	0.012	27.591	0.032	27.610	0.048	27.626	0.028
23.330	0.140	23.336	0.152	23.344	0.184	23.354	0.188	27.650	0.028	27.680	0.020	27.708	0.013	27.734	0.017
23.363	0.200	23.370	0.211	23.374	0.219	23.380	0.211	27.756	-0.031	27.779	-0.078	27.805	-0.114	27.830	-0.090
23.389	0.192	23.400	0.164	23.406	0.144	23.415	0.124	27.852	-0.031	27.879	0.013	27.903	0.013	27.918	-0.015
23.423	0.108	23.431	0.093	23.435	0.081	23.442	0.065	27.942	-0.050	27.966	-0.054	27.987	-0.058	28.012	-0.074
23.447	0.049	23.452	0.037	23.458	0.021	23.459	0.013	28.044	-0.090	28.072	-0.054	28.098	-0.002	28.116	-0.018
23.472	0.002	23.484	-0.006	23.511	-0.007	23.529	-0.038	28.146	-0.034	28.171	-0.034	28.206	-0.042	28.233	-0.065
23.551	-0.046	23.572	-0.034	23.592	-0.058	23.610	-0.066	28.256	-0.058	28.281	-0.061	28.309	-0.061	28.322	-0.065
23.631	-0.058	23.653	-0.078	23.676	-0.070	23.708	-0.067	28.347	-0.065	28.367	-0.053	28.388	-0.022	28.406	0.014
23.728	-0.047	23.748	-0.063	23.767	-0.126	23.789	-0.162	28.430	0.041	28.451	0.061	28.472	0.092	28.504	0.112
23.811	-0.186	23.838	-0.178	23.858	-0.138	23.878	-0.110	28.523	0.140	28.553	0.088	28.575	0.037	28.594	-0.011
23.901	-0.110	23.923	-0.102	23.946	-0.110	23.966	-0.121	28.627	-0.015	28.655	-0.003	28.680	-0.043	28.705	-0.071
23.989	-0.093	24.009	-0.061	24.032	-0.045	24.057	-0.061	28.737	-0.059	28.757	-0.004	28.784	0.036	28.810	0.040
24.079	-0.068	24.098	-0.076	24.111	-0.080	24.127	-0.080	28.832	0.055	28.851	0.063	28.871	0.075	28.899	0.075
24.147	-0.099	24.166	-0.091	24.185	-0.055	24.205	-0.008	28.922	0.051	28.944	0.043	28.974	0.015	28.999	0.011
24.224	0.024	24.239	0.048	24.254	0.029	24.271	-0.011	29.027	0.014	29.046	0.010	29.071	0.030	29.100	0.010
24.289	0.062	24.306	0.082	24.328	-0.109	24.347	-0.136	29.117	0.026	29.136	0.025	29.164	0.041	29.192	0.049
24.364	-0.164	24.385	-0.168	24.408	-0.144	24.430	-0.120	29.213	0.017	29.235	-0.035	29.259	-0.043	29.283	-0.027
24.452	-0.131	24.469	-0.139	24.494	-0.111	24.509	-0.071	29.302	-0.027	29.322	-0.024	29.343	-0.008	29.372	0.008
24.530	-0.075	24.547	-0.087	24.566	-0.122	24.583	-0.157	29.391	0.023	29.413	0.015	29.432	0.015	29.460	-0.013
24.601	-0.189	24.620	-0.177	24.638	-0.153	24.653	-0.129	29.484	-0.025	29.505	-0.034	29.530	-0.034	29.564	-0.046
24.665	-0.109	24.678	-0.065	24.693	-0.018	24.709	0.026	29.590	-0.050	29.618	-0.047	29.636	-0.047	29.654	-0.004
24.730	0.026	24.745	-0.005	24.759	-0.049	24.771	-0.104	29.679	0.028	29.702	0.012	29.725	-0.020	29.746	-0.060

29.772	-0.080	29.796	-0.069	29.824	-0.041	29.845	-0.010	34.486	-0.112	34.495	-0.100	34.508	-0.116	34.528	-0.116
29.866	0.017	29.885	0.049	29.913	0.052	29.940	0.020	34.544	-0.100	34.555	-0.092	34.569	-0.120	34.589	-0.112
29.961	-0.000	29.982	-0.024	30.010	-0.037	30.034	-0.025	34.601	-0.104	34.614	-0.116	34.626	-0.108	34.636	-0.120
30.060	-0.006	30.095	0.029	30.123	0.021	30.148	0.040	34.657	-0.092	34.660	-0.112	34.680	0.108	34.706	-0.088
30.173	0.020	30.198	-0.020	30.224	-0.060	30.255	-0.077	34.726	-0.088	34.746	-0.092	34.763	-0.084	34.778	-0.084
30.283	-0.069	30.304	-0.077	30.326	-0.102	30.349	-0.122	34.804	-0.088	34.813	-0.108	34.836	-0.088	34.857	-0.096
30.372	-0.122	30.390	-0.095	30.416	-0.059	30.436	-0.056	34.872	-0.085	34.885	-0.099	34.894	-0.107	34.917	-0.091
30.453	-0.080	30.477	-0.088	30.507	-0.065	30.528	-0.053	34.933	-0.106	34.959	-0.114	34.978	-0.137	34.989	-0.118
30.551	-0.049	30.567	-0.073	30.586	-0.085	30.605	-0.090	35.012	-0.133	35.032	-0.117	35.054	-0.132	35.068	-0.128
30.627	-0.074	30.645	-0.043	30.670	-0.011	30.700	0.008	35.098	-0.092	35.123	-0.056	35.140	-0.028	35.163	-0.044
30.726	0.008	30.742	0.003	30.762	0.003	30.781	0.011	35.183	-0.024	35.200	-0.024	35.219	-0.031	35.235	-0.047
30.804	0.010	30.823	0.018	30.848	0.014	30.873	0.006	35.253	-0.051	35.278	-0.031	35.295	-0.022	35.311	-0.034
30.895	0.005	30.913	-0.003	30.936	-0.019	30.955	-0.043	35.333	-0.030	35.350	-0.033	35.374	-0.021	35.382	-0.017
30.976	-0.047	31.097	-0.047	31.027	-0.051	31.046	-0.016	35.407	-0.017	35.418	-0.021	35.439	-0.060	35.450	-0.064
31.074	-0.016	31.097	-0.012	31.122	-0.013	31.147	-0.009	35.465	-0.059	35.482	-0.039	35.496	-0.035	35.505	-0.023
31.173	-0.029	31.190	-0.025	31.214	0.002	31.242	-0.002	35.533	-0.009	35.538	0.001	35.559	-0.002	35.587	-0.014
31.264	-0.010	31.284	-0.010	31.304	-0.042	31.319	-0.066	35.591	-0.002	35.608	-0.014	35.621	-0.005	35.635	-0.013
31.338	-0.090	31.356	-0.118	31.379	-0.138	31.402	-0.095	35.652	-0.017	35.665	-0.036	35.681	-0.024	35.705	0.008
31.429	-0.083	31.453	-0.115	31.478	-0.103	31.504	-0.096	35.738	-0.020	35.761	0.048	35.775	-0.044	35.787	0.053
31.527	-0.080	31.550	-0.069	31.572	-0.077	31.595	-0.065	35.802	-0.057	35.825	0.069	35.847	0.050	35.864	0.058
31.618	-0.058	31.645	-0.066	31.668	-0.102	31.692	-0.138	35.876	-0.070	35.893	0.050	35.915	0.066	35.939	0.067
31.715	-0.146	31.738	-0.107	31.764	-0.087	31.787	-0.079	35.958	-0.012	35.976	0.008	35.983	-0.039	36.006	0.024
31.806	-0.024	31.830	-0.029	31.855	-0.049	31.878	-0.061	36.026	-0.017	36.042	0.053	36.057	0.100	36.162	0.085
31.907	-0.105	31.931	-0.097	31.967	-0.082	31.993	-0.070	36.102	-0.077	36.127	0.097	36.141	0.090	36.162	0.078
32.018	-0.066	32.042	-0.082	32.061	-0.059	32.088	-0.047	36.180	-0.071	36.195	0.102	36.212	0.091	36.233	0.115
32.110	-0.052	32.125	-0.052	32.146	-0.024	32.165	-0.036	36.245	-0.135	36.257	0.167	36.273	0.210	36.283	0.238
32.183	-0.025	32.210	-0.013	32.232	-0.037	32.252	-0.034	36.299	-0.219	36.314	0.144	36.325	0.089	36.354	0.085
32.269	-0.061	32.295	-0.078	32.321	-0.042	32.348	-0.027	36.375	-0.081	36.392	0.062	36.408	0.038	36.424	0.042
32.375	-0.008	32.403	-0.000	32.429	-0.027	32.463	0.038	36.446	-0.034	36.449	-0.025	36.476	0.023	36.492	0.043
32.495	0.030	32.522	0.041	32.550	0.041	32.577	0.068	36.499	-0.078	36.511	0.146	36.524	0.170	36.536	0.193
32.601	0.060	32.619	0.059	32.643	0.091	32.666	0.098	36.552	-0.201	36.567	0.158	36.580	0.119	36.594	0.079
32.683	0.114	32.709	0.085	32.732	0.045	32.760	0.033	36.622	-0.095	36.629	0.044	36.644	0.012	36.671	-0.019
32.787	0.048	32.816	0.048	32.836	0.079	32.860	0.098	36.679	-0.015	36.698	-0.007	36.715	0.021	36.722	0.064
32.887	0.118	32.914	0.093	32.943	0.057	32.973	0.056	36.742	-0.084	36.761	0.049	36.775	0.005	36.792	-0.030
33.001	0.052	33.025	0.067	33.051	0.090	33.075	0.110	36.807	-0.058	36.826	-0.046	36.843	0.042	36.853	-0.053
33.099	0.105	33.121	0.081	33.144	0.049	33.164	0.056	36.874	-0.002	36.883	0.034	36.903	0.093	36.915	0.156
33.183	0.072	33.207	0.063	33.227	0.039	33.250	0.031	36.932	-0.172	36.946	0.215	36.958	0.196	36.980	0.164
33.271	0.030	33.295	0.049	33.323	0.057	33.346	0.076	36.991	-0.101	37.009	0.089	37.037	0.042	37.049	-0.018
33.363	0.052	33.383	0.036	33.404	0.035	33.430	0.027	37.072	-0.018	37.089	-0.018	37.090	-0.038	37.103	-0.010
33.453	0.058	33.475	0.078	33.505	0.073	33.533	0.073	37.119	-0.022	37.136	-0.002	37.150	-0.006	37.161	0.018
33.544	0.065	33.556	0.068	33.571	0.064	33.593	0.068	37.175	0.014	37.182	0.045	37.197	0.065	37.208	0.093
33.602	0.068	33.611	0.043	33.625	0.043	33.643	0.059	37.228	0.101	37.251	0.085	37.264	0.085	37.276	0.065
33.658	-0.035	33.676	0.039	33.683	0.031	33.694	0.034	37.290	0.049	37.304	0.069	37.316	0.057	37.331	0.061
33.714	0.062	33.722	0.054	33.731	0.045	33.743	0.057	37.356	0.105	37.369	0.113	37.380	0.109	37.396	0.077
33.757	0.061	33.768	0.053	33.778	0.053	33.788	0.060	37.409	0.046	37.424	-0.002	37.441	0.010	37.452	0.022
33.803	0.060	33.819	0.072	33.828	0.028	33.844	0.040	37.469	-0.050	37.478	0.019	37.492	-0.005	37.509	0.011
33.853	0.028	33.874	0.019	33.891	0.023	33.901	0.031	37.521	-0.013	37.534	-0.001	37.544	0.015	37.563	0.078
33.913	0.039	33.929	0.082	33.939	0.046	33.947	0.038	37.579	0.098	37.589	0.106	37.605	0.106	37.624	0.087
33.967	0.046	33.979	0.030	33.995	0.038	34.008	0.045	37.644	0.091	37.677	0.111	37.688	0.107	37.708	0.099
34.030	0.037	34.036	0.021	34.047	0.009	34.068	-0.007	37.717	0.056	37.734	0.020	37.757	0.016	37.777	0.028
34.079	-0.046	34.080	-0.054	34.105	-0.066	34.129	-0.075	37.793	0.048	37.802	0.068	37.822	0.088	37.838	0.072
34.153	-0.063	34.171	-0.055	34.187	-0.048	34.212	-0.060	37.854	0.056	37.871	-0.018	37.887	-0.006	37.907	0.022
34.236	-0.072	34.272	-0.088	34.289	-0.088	34.305	-0.089	37.926	0.042	37.941	0.050	37.955	0.038	37.966	0.018
34.326	-0.081	34.352	-0.061	34.365	-0.057	34.365	-0.057	37.987	0.003	38.002	-0.005	38.021	-0.009	38.028	-0.017
34.377	-0.077	34.392	-0.077	34.405	-0.093	34.413	-0.109	38.046	-0.020	38.060	-0.040	38.084	-0.036	38.107	-0.043
34.430	-0.089	34.441	-0.105	34.458	-0.101	34.469	-0.116	38.122	-0.047	38.130	-0.059	38.141	-0.075	38.156	-0.086

38.186	-0.102	38.201	-0.086	38.220	-0.066	38.234	-0.081	42.413	0.073	42.433	0.073	42.455	0.077	42.476	0.065
38.257	-0.069	38.275	-0.101	38.292	-0.120	38.305	-0.104	42.503	0.069	42.528	0.049	42.555	0.072	42.577	0.068
38.325	-0.068	38.343	-0.064	38.365	-0.056	38.387	-0.075	42.592	0.060	42.615	0.100	42.636	0.139	42.658	0.139
38.402	-0.087	38.425	-0.099	38.433	-0.118	38.461	-0.059	42.682	0.127	42.699	0.103	42.725	0.087	42.745	0.060
38.479	-0.039	38.491	-0.066	38.519	-0.054	38.530	-0.070	42.771	0.060	42.791	0.083	42.811	0.067	42.839	0.063
38.554	-0.069	38.572	-0.065	38.585	-0.025	38.599	-0.033	42.852	0.075	42.875	0.067	42.893	0.098	42.906	0.039
38.616	-0.060	38.626	-0.084	38.645	-0.092	38.659	-0.076	42.935	0.098	42.958	0.125	42.978	0.101	43.006	0.105
38.679	-0.103	38.691	-0.091	38.708	-0.075	38.724	-0.075	42.935	0.098	43.049	0.097	43.074	0.065	43.090	0.061
38.735	-0.083	38.757	-0.055	38.769	-0.046	38.785	-0.038	43.108	0.033	43.130	0.064	43.146	0.072	43.171	0.080
38.801	-0.034	38.815	-0.050	38.840	-0.045	38.855	-0.030	43.196	0.091	43.227	0.103	43.247	0.115	43.273	0.110
38.873	-0.057	38.889	-0.049	38.898	-0.073	38.922	-0.084	43.298	0.102	43.318	0.098	43.338	0.094	43.352	0.062
38.945	-0.057	38.972	-0.009	38.990	-0.040	39.010	-0.024	43.376	0.078	43.391	0.086	43.410	0.058	43.428	0.066
39.033	-0.020	39.051	0.008	39.066	0.043	39.079	0.047	43.441	0.050	43.467	0.073	43.485	0.077	43.504	0.097
39.099	0.051	39.135	0.075	39.159	0.076	39.180	0.068	43.517	0.049	43.538	0.053	43.562	0.100	43.577	0.080
39.204	0.052	39.213	0.056	39.237	0.001	39.267	0.056	43.593	0.088	43.618	0.021	43.637	0.032	43.653	0.048
39.284	0.128	39.302	0.136	39.321	0.152	39.336	0.144	43.677	0.079	43.699	0.067	43.720	0.063	43.736	0.043
39.348	0.089	39.366	0.065	39.354	0.037	39.413	0.065	43.758	0.055	43.782	0.043	43.798	-0.013	43.826	-0.001
39.437	0.061	39.454	0.073	39.473	0.097	39.490	0.112	43.847	-0.009	43.871	-0.005	43.892	-0.005	43.908	-0.009
39.501	0.108	39.518	0.093	39.538	0.093	39.553	0.069	43.914	-0.053	43.942	-0.005	43.972	-0.005	43.995	-0.013
39.561	0.021	39.572	0.005	39.582	-0.010	39.597	0.009	44.019	-0.006	44.043	-0.014	44.065	-0.053	44.091	0.002
39.609	-0.030	39.635	0.049	39.653	0.053	39.668	0.053	44.113	-0.022	44.134	-0.026	44.155	-0.022	44.168	-0.026
39.692	0.086	39.714	0.116	39.737	0.104	39.749	0.096	44.175	-0.073	44.210	-0.022	44.221	-0.002	44.246	-0.010
39.774	0.080	39.786	0.045	39.801	0.009	39.814	0.021	44.265	0.001	44.289	0.001	44.305	0.005	44.339	-0.039
39.833	0.001	39.848	0.025	39.867	0.017	39.888	-0.015	44.355	-0.035	44.373	-0.023	44.400	0.001	44.427	0.009
39.911	0.033	39.933	0.013	39.951	0.017	39.971	0.025	44.450	-0.003	44.479	0.005	44.500	0.020	44.524	0.012
39.991	0.060	40.012	0.064	40.029	0.072	40.049	0.033	44.551	0.016	44.564	0.005	44.590	0.032	44.607	0.040
40.068	0.033	40.089	0.060	40.168	0.034	40.117	0.017	44.630	0.052	44.651	0.076	44.676	0.056	44.697	0.087
40.150	0.056	40.166	0.052	40.188	0.076	40.206	0.060	44.714	0.071	44.733	0.056	44.761	0.052	44.774	0.008
40.221	0.068	40.249	0.056	40.273	0.056	40.292	0.084	44.806	0.059	44.824	0.012	44.855	0.008	44.876	0.012
40.306	0.080	40.325	0.080	40.350	0.076	40.365	0.064	44.895	-0.012	44.923	-0.028	44.941	-0.024	44.974	0.031
40.387	0.072	40.409	0.056	40.420	0.036	40.427	-0.027	44.999	0.051	45.021	0.043	45.044	0.031	45.061	0.031
40.451	0.001	40.475	-0.003	40.494	-0.011	40.514	0.001	45.081	0.043	45.096	0.059	45.112	0.011	45.133	0.007
40.526	-0.043	40.551	0.008	40.579	0.040	40.595	0.028	45.156	-0.012	45.184	0.035	45.194	-0.017	45.211	0.003
40.619	-0.011	40.634	-0.011	40.649	-0.027	40.663	-0.043	45.226	0.035						
40.676	-0.047	40.692	-0.039	40.718	0.004	40.732	0.000								
40.754	-0.012	40.768	-0.016	40.782	0.020	40.796	-0.047								
40.808	-0.043	40.831	0.000	40.855	0.012	40.871	-0.012								
40.894	0.007	40.915	-0.009	40.934	0.034	40.955	0.011								
40.973	0.018	41.002	0.010	41.017	-0.010	41.030	-0.062								
41.052	-0.050	41.075	-0.026	41.097	0.021	41.112	-0.003								
41.140	0.036	41.165	0.044	41.182	0.035	41.203	0.051								
41.228	0.043	41.248	0.031	41.267	0.007	41.290	-0.001								
41.309	0.006	41.326	0.058	41.342	0.038	41.357	0.045								
41.375	0.029	41.394	0.025	41.468	0.041	41.421	0.041								
41.440	0.040	41.461	0.028	41.482	0.040	41.503	0.008								
41.517	-0.024	41.536	-0.016	41.555	-0.016	41.572	-0.013								
41.602	0.019	41.620	-0.005	41.634	0.026	41.636	-0.049								
41.661	-0.010	41.687	0.045	41.707	0.045	41.727	0.065								
41.759	0.064	41.777	0.052	41.801	0.060	41.816	0.056								
41.836	0.051	41.841	0.004	41.872	0.004	41.893	-0.004								
41.912	-0.008	41.926	-0.040	41.952	-0.036	41.982	-0.028								
42.000	-0.068	42.023	-0.017	42.049	0.003	42.064	-0.025								
42.083	-0.017	42.104	-0.005	42.123	-0.017	42.140	-0.013								
42.163	-0.009	42.189	0.010	42.200	0.006	42.226	0.018								
42.237	-0.025	42.261	-0.017	42.284	0.018	42.306	-0.026								
42.334	0.022	42.347	0.041	42.369	0.061	42.393	0.105								

INI 88

71.084 2/9/71 0600PST LA 188C CENTURY PARK E.1ST LVL PKG N36W

2855 POINTS 45.039 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2362 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.070	0.034	0.070	0.063	0.070	0.125	-0.038	0.080	0.066	3.389	0.001	3.410	-0.008	3.431	0.025	3.452	0.133
0.098	-0.001	0.108	-0.038	0.145	-0.038	0.157	-0.047	0.145	-0.038	3.467	0.167	3.485	0.087	3.504	0.024	3.527	0.377
0.161	-0.063	0.175	-0.080	0.175	-0.047	0.295	-0.099	0.221	0.020	3.541	0.024	3.567	0.166	3.578	0.182	3.608	0.019
0.248	0.070	0.277	0.108	0.295	-0.099	0.314	0.103	0.314	0.103	3.636	-0.110	3.660	-0.098	3.680	-0.019	3.703	0.056
0.330	0.108	0.346	0.037	0.361	-0.038	0.380	-0.084	0.380	-0.084	3.719	0.084	3.741	0.022	3.760	0.001	3.783	0.076
0.399	-0.097	0.417	-0.076	0.431	0.007	0.445	0.049	0.445	0.049	3.803	0.113	3.823	0.067	3.840	0.042	3.860	-0.000
0.461	0.062	0.477	0.120	0.492	0.149	0.503	0.112	0.503	0.112	3.893	0.112	3.929	0.233	3.957	0.125	3.981	0.074
0.515	0.041	0.528	0.024	0.539	0.024	0.551	-0.013	0.551	-0.013	4.012	0.116	4.045	0.036	4.069	0.057	4.089	0.040
0.561	-0.011	0.585	0.024	0.604	0.058	0.631	0.124	0.631	0.124	4.118	0.186	4.141	0.186	4.165	0.069	4.207	-0.073
0.641	0.120	0.666	0.045	0.690	0.053	0.710	0.003	0.710	0.003	4.220	-0.036	4.238	0.106	4.251	0.214	4.265	0.239
0.737	0.045	0.749	-0.026	0.769	-0.076	0.794	-0.018	0.794	-0.018	4.284	0.193	4.292	0.147	4.318	-0.082	4.332	-0.145
0.812	-0.022	0.837	0.024	0.858	0.028	0.875	0.037	0.875	0.037	4.347	-0.174	4.378	-0.108	4.397	0.041	4.414	0.026
0.894	0.070	0.912	0.078	0.934	0.191	0.947	0.212	0.947	0.212	4.433	0.067	4.447	0.121	4.464	0.142	4.480	0.050
0.966	0.136	0.986	0.061	1.001	-0.060	1.019	-0.172	1.019	-0.172	4.498	-0.061	4.518	-0.050	4.535	-0.000	4.545	0.041
1.030	-0.181	1.060	-0.026	1.080	0.115	1.105	0.199	1.105	0.199	4.565	0.141	4.578	0.237	4.593	0.324	4.611	0.212
1.134	0.245	1.154	0.111	1.170	-0.047	1.188	-0.156	1.188	-0.156	4.628	0.136	4.647	0.074	4.659	0.032	4.682	0.094
1.209	-0.143	1.228	-0.048	1.243	0.057	1.257	0.103	1.257	0.103	4.705	0.015	4.723	0.102	4.735	0.123	4.757	0.056
1.288	0.069	1.310	0.048	1.329	0.061	1.349	0.011	1.349	0.011	4.777	0.011	4.788	0.189	4.808	0.064	4.827	0.014
1.388	0.052	1.414	-0.019	1.447	0.035	1.464	-0.065	1.464	-0.065	4.847	-0.032	4.863	-0.095	4.882	-0.032	4.905	0.055
1.476	-0.115	1.492	-0.124	1.514	-0.015	1.539	0.160	1.539	0.160	4.929	0.055	4.947	0.076	4.972	0.055	5.013	0.151
1.566	0.356	1.591	0.168	1.615	-0.020	1.637	-0.078	1.637	-0.078	5.033	0.201	5.066	0.267	5.090	0.046	5.111	0.046
1.656	-0.057	1.680	0.072	1.712	0.176	1.723	0.147	1.723	0.147	5.131	-0.096	5.151	-0.184	5.185	-0.046	5.212	0.158
1.752	0.013	1.785	-0.012	1.819	-0.033	1.839	-0.033	1.839	-0.033	5.233	0.229	5.252	0.120	5.266	0.041	5.279	-0.001
1.866	0.035	1.876	0.051	1.903	0.089	1.928	0.039	1.928	0.039	5.300	-0.076	5.337	-0.009	5.368	0.053	5.393	0.016
1.938	0.010	1.969	0.044	1.986	-0.023	2.005	-0.056	2.005	-0.056	5.426	0.076	5.452	0.262	5.477	0.141	5.499	-0.076
2.021	-0.035	2.041	-0.001	2.058	0.082	2.075	0.116	2.075	0.116	5.520	-0.252	5.539	-0.339	5.569	-0.139	5.591	0.078
2.098	0.095	2.114	0.087	2.138	0.016	2.162	0.017	2.162	0.017	5.612	0.374	5.629	0.582	5.650	0.670	5.668	0.645
2.178	0.042	2.210	0.088	2.227	0.109	2.249	0.089	2.249	0.089	5.699	0.491	5.718	0.407	5.735	0.378	5.754	0.203
2.267	0.076	2.296	0.023	2.316	0.044	2.340	0.061	2.340	0.061	5.777	-0.048	5.790	-0.223	5.811	-0.306	5.825	-0.306
2.373	0.149	2.383	0.124	2.412	-0.042	2.442	-0.175	2.442	-0.175	5.839	-0.261	5.859	-0.140	5.869	-0.131	5.897	-0.190
2.470	-0.036	2.506	0.119	2.522	0.144	2.544	0.116	2.544	0.116	5.922	-0.020	5.950	0.006	5.968	0.177	5.984	0.272
2.566	0.120	2.587	0.062	2.615	0.096	2.647	0.018	2.647	0.018	6.003	0.473	6.014	0.602	6.025	0.627	6.049	0.556
2.681	0.073	2.696	0.073	2.720	0.107	2.736	0.099	2.736	0.099	6.073	0.539	6.091	0.468	6.104	0.359	6.119	0.159
2.762	0.025	2.777	-0.013	2.800	0.005	2.820	-0.016	2.820	-0.016	6.133	-0.204	6.150	-0.726	6.162	-1.013	6.180	-1.164
2.851	0.051	2.878	0.039	2.899	0.010	2.930	0.106	2.930	0.106	6.192	-1.281	6.210	-1.201	6.225	-0.947	6.231	-0.730
2.954	0.122	2.970	0.122	2.991	0.051	3.009	-0.011	3.009	-0.011	6.241	-0.459	6.249	-0.159	6.257	-0.000	6.268	0.312
3.028	-0.015	3.049	-0.057	3.076	-0.053	3.096	-0.049	3.096	-0.049	6.288	0.884	6.320	0.184	6.340	1.034	6.343	1.117
3.128	0.035	3.156	0.131	3.178	0.118	3.203	0.131	3.203	0.131	6.378	0.854	6.396	0.633	6.412	0.303	6.431	-0.114
3.225	-0.003	3.239	-0.070	3.271	0.039	3.301	0.222	3.301	0.222	6.442	-0.069	6.457	-0.402	6.473	-0.640	6.494	-0.866
3.314	0.252	3.340	0.210	3.360	0.180	3.376	0.076	3.376	0.076	6.510	-0.691	6.526	-0.328	6.542	-0.014	6.560	0.423

6.578	0.598	6.605	0.439	6.625	0.481	6.649	0.535	11.117	0.021	11.125	0.058	11.142	0.058	11.154	0.012
6.662	0.705	6.671	0.985	6.688	1.122	6.705	0.914	11.175	-0.184	11.180	-0.288	11.184	-0.355	11.191	-0.410
6.719	0.588	6.726	0.367	6.744	-0.163	6.764	-0.718	11.198	-0.455	11.205	-0.485	11.221	-0.456	11.233	-0.427
6.783	-0.993	6.804	-0.743	6.826	-0.410	6.854	-0.197	11.244	-0.274	11.256	-0.356	11.274	-0.302	11.293	-0.227
6.866	-0.026	6.880	0.316	6.901	0.724	6.916	0.924	11.306	-0.127	11.317	-0.044	11.327	-0.036	11.341	0.127
6.940	1.212	6.968	0.774	6.983	0.469	7.012	0.014	11.349	0.223	11.357	0.311	11.370	0.427	11.381	0.544
7.040	-0.091	7.066	0.009	7.084	0.151	7.094	0.126	11.388	0.615	11.404	0.686	11.422	0.719	11.434	0.677
7.131	-0.475	7.149	-0.763	7.169	-0.889	7.180	-0.943	11.450	0.598	11.471	0.443	11.483	0.288	11.494	0.172
7.201	-0.947	7.221	-0.772	7.250	-0.076	7.271	0.416	11.501	0.089	11.513	-0.137	11.520	-0.304	11.531	-0.500
7.289	0.925	7.310	1.187	7.325	1.024	7.341	0.574	11.544	-0.756	11.553	-0.843	11.562	-0.918	11.573	-0.997
7.351	0.140	7.367	-0.244	7.384	-0.436	7.400	-0.570	11.579	-1.039	11.591	-1.097	11.605	-1.039	11.615	-0.906
7.425	-0.612	7.447	-0.520	7.477	-0.471	7.492	-0.425	11.636	-0.497	11.648	-0.226	11.660	0.024	11.673	0.236
7.513	-0.254	7.534	0.079	7.559	0.438	7.577	0.692	11.685	0.366	11.696	0.486	11.709	0.632	11.716	0.699
7.601	1.080	7.620	1.142	7.630	1.109	7.654	0.721	11.730	0.786	11.746	0.899	11.759	1.066	11.765	1.111
7.672	0.312	7.689	-0.026	7.706	-0.231	7.723	-0.340	11.775	1.153	11.787	1.115	11.795	0.965	11.803	0.861
7.741	-0.273	7.758	-0.165	7.777	-0.123	7.799	-0.023	11.811	0.606	11.820	0.485	11.829	0.239	11.836	0.089
7.828	-0.053	7.851	-0.032	7.875	-0.133	7.891	-0.166	11.842	-0.078	11.850	-0.187	11.856	-0.258	11.863	-0.320
7.918	-0.167	7.947	-0.254	7.983	0.012	7.998	0.141	11.870	-0.354	11.887	-0.324	11.905	-0.270	11.917	-0.316
8.010	0.233	8.028	0.262	8.051	0.174	8.067	-0.026	11.939	-0.283	11.950	-0.266	11.959	-0.250	11.970	-0.287
8.084	-0.377	8.093	-0.544	8.111	-0.627	8.151	-0.298	11.987	-0.400	12.003	-0.525	12.019	-0.634	12.031	-0.700
8.173	0.069	8.195	0.323	8.214	0.423	8.244	0.272	12.038	-0.738	12.048	-0.696	12.058	-0.638	12.075	-0.434
8.267	0.351	8.292	0.401	8.315	0.301	8.332	0.205	12.082	-0.342	12.091	-0.275	12.115	0.017	12.138	0.179
8.357	0.146	8.385	-0.155	8.409	-0.226	8.422	-0.364	12.158	0.292	12.182	0.434	12.190	0.479	12.205	0.492
8.436	-0.444	8.457	-0.185	8.487	0.215	8.512	0.561	12.216	0.479	12.224	0.446	12.234	0.504	12.243	0.546
8.530	0.711	8.544	0.648	8.558	0.414	8.582	-0.033	12.249	0.579	12.260	0.604	12.269	0.575	12.282	0.512
8.677	0.587	8.697	0.691	8.727	0.482	8.760	0.102	12.351	0.168	12.355	0.251	12.366	0.103	12.376	0.020
8.785	-0.136	8.806	-0.132	8.815	-0.132	8.838	-0.237	12.386	-0.710	12.397	-0.919	12.405	-1.098	12.416	-1.223
8.850	-0.345	8.868	-0.429	8.887	-0.413	8.906	-0.221	12.425	-1.294	12.443	-1.248	12.451	-1.115	12.468	-0.810
8.929	0.233	8.938	0.400	8.966	0.683	8.983	0.628	12.479	-0.564	12.492	-0.205	12.505	1.075	12.513	0.370
9.001	0.486	9.009	-0.346	9.035	0.114	9.061	0.005	12.528	0.771	12.539	0.959	12.551	1.075	12.565	1.150
9.080	-0.083	9.099	-0.346	9.111	-0.609	9.123	-0.864	12.581	1.105	12.608	0.775	12.627	0.529	12.649	0.362
9.137	-1.077	9.154	-1.235	9.179	-0.902	9.195	-0.519	12.662	0.245	12.675	0.020	12.685	0.078	12.694	0.053
9.214	-0.164	9.228	0.006	9.260	0.594	9.287	0.848	12.768	0.062	12.771	0.020	12.727	-0.038	12.741	-0.113
9.300	0.873	9.315	0.764	9.345	0.350	9.368	0.066	12.757	-0.247	12.766	-0.385	12.773	-0.506	12.785	-0.685
9.391	-0.113	9.438	0.136	9.461	0.286	9.491	0.085	12.793	-0.823	12.804	-0.898	12.818	-0.839	12.830	-0.697
9.519	-0.049	9.537	-0.233	9.556	-0.287	9.589	-0.067	12.846	-0.497	12.865	-0.197	12.877	-0.068	12.896	0.028
9.606	0.016	9.616	0.004	9.628	0.054	9.654	0.174	12.909	0.024	12.924	-0.001	12.936	-0.021	12.948	0.029
9.689	0.207	9.717	0.111	9.734	-0.069	9.746	-0.140	12.963	0.254	12.971	0.321	12.978	0.446	12.988	0.588
9.759	-0.303	9.781	-0.516	9.812	-0.946	9.843	-0.246	13.001	0.734	13.012	0.788	13.025	0.746	13.059	0.429
9.866	0.213	9.886	0.772	9.906	0.888	9.922	0.767	13.069	0.300	13.081	0.066	13.091	-0.088	13.112	-0.296
9.934	0.421	9.946	0.029	9.961	-0.376	9.976	-0.776	13.115	-0.359	13.125	-0.388	13.140	-0.346	13.157	-0.221
9.989	-0.914	10.019	-0.443	10.043	0.141	10.065	0.746	13.169	-0.059	13.178	-0.096	13.193	0.300	13.207	0.413
10.086	1.096	10.118	0.708	10.143	0.287	10.158	-0.176	13.218	0.455	13.227	0.425	13.241	0.292	13.257	0.071
10.175	-0.481	10.192	-0.598	10.213	-0.485	10.246	-0.014	13.268	-0.138	13.281	-0.204	13.289	-0.233	13.306	-0.103
10.270	0.320	10.285	0.390	10.298	0.315	10.327	-0.060	13.329	-0.042	13.353	0.209	13.374	0.367	13.388	0.347
10.349	-0.102	10.373	-0.202	10.412	0.177	10.447	0.361	13.409	0.322	13.433	0.255	13.444	0.130	13.457	0.047
10.457	0.357	10.479	0.165	10.500	-0.148	10.511	-0.315	13.466	-0.008	13.478	-0.037	13.490	-0.008	13.500	0.047
10.523	-0.415	10.537	-0.440	10.563	-0.286	10.599	-0.056	13.509	0.143	13.537	0.264	13.546	0.293	13.556	0.260
10.632	0.090	10.665	0.015	10.707	0.198	10.729	0.286	13.581	-0.080	13.601	-0.090	13.624	-0.270	13.638	-0.307
10.734	-0.253	10.766	-0.156	10.783	-0.532	10.794	-0.744	13.654	-0.261	13.672	-0.032	13.693	0.264	13.703	0.348
10.834	-0.911	10.853	-0.761	10.875	-0.361	10.889	-0.111	13.717	0.411	13.731	0.457	13.745	0.411	13.768	0.281
10.909	0.139	10.928	0.235	10.940	0.185	10.954	0.064	13.777	0.248	13.791	0.232	13.805	0.290	13.845	0.449
10.963	-0.041	10.972	-0.120	10.979	-0.191	10.985	-0.266	13.856	0.419	13.874	0.353	13.898	0.144	13.914	-0.023
10.999	-0.224	11.009	-0.191	11.020	-0.095	11.032	0.005	13.931	-0.206	13.940	-0.281	13.950	-0.314	13.964	-0.335
11.049	0.101	11.065	0.092	11.079	0.071	11.093	0.058	13.976	-0.319	13.992	-0.202	14.010	-0.031	14.036	0.232

14.051	0.349	14.061	0.399	14.077	0.366	14.098	0.232	17.657	-0.166	17.669	-0.158	17.690	-0.137	17.702	-0.141
14.122	0.053	14.137	-0.026	14.144	-0.072	14.162	-0.122	17.722	-0.146	17.736	-0.117	17.752	-0.079	17.767	-0.025
14.183	0.105	14.217	-0.043	14.253	0.053	14.291	0.137	17.796	0.187	17.817	0.308	17.832	0.345	17.842	0.312
14.310	0.183	14.334	0.216	14.346	0.195	14.365	0.149	17.863	0.203	17.882	0.044	17.894	-0.097	17.913	0.256
14.385	0.191	14.405	0.199	14.425	0.174	14.451	0.145	17.922	-0.310	17.939	-0.369	17.953	-0.378	17.976	-0.340
14.466	0.111	14.481	0.082	14.497	0.048	14.509	0.019	18.002	-0.307	18.027	-0.199	18.044	-0.170	18.069	-0.149
14.520	-0.031	14.532	-0.119	14.543	-0.194	14.557	-0.248	18.088	-0.116	18.113	-0.091	18.129	-0.100	18.144	-0.100
14.569	-0.294	14.584	-0.323	14.604	-0.277	14.625	-0.198	18.157	-0.088	18.165	-0.059	18.185	-0.025	18.200	-0.051
14.646	-0.044	14.657	-0.302	14.668	0.306	14.683	-0.027	18.231	-0.101	18.254	-0.135	18.268	-0.110	18.286	-0.060
14.701	-0.094	14.719	-0.240	14.735	-0.315	14.748	-0.370	18.304	-0.035	18.337	-0.069	18.366	-0.069	18.384	-0.111
14.771	-0.411	14.787	-0.766	14.809	-0.253	14.820	-0.186	18.401	-0.157	18.421	-0.207	18.441	-0.207	18.458	-0.224
14.835	-0.028	14.851	-0.076	14.862	0.139	14.885	0.193	18.468	-0.191	18.512	-0.053	18.528	0.005	18.541	0.034
14.895	0.213	14.912	0.196	14.925	0.230	14.938	0.263	18.561	0.059	18.596	0.038	18.629	0.050	18.648	0.017
14.949	0.279	14.962	0.246	14.986	0.091	15.022	-0.009	18.689	-0.058	18.709	-0.084	18.732	-0.096	18.743	-0.063
15.033	-0.047	15.051	-0.022	15.070	-0.018	15.095	-0.047	18.772	0.004	18.794	0.029	18.813	-0.001	18.841	-0.013
15.118	-0.052	15.128	-0.069	15.151	-0.027	15.158	-0.019	18.855	-0.043	18.898	-0.139	18.915	-0.164	18.938	-0.122
15.167	-0.015	15.178	-0.007	15.188	-0.019	15.199	-0.044	18.961	-0.038	19.063	0.116	19.002	0.037	19.032	0.058
15.205	-0.069	15.212	-0.090	15.218	-0.115	15.223	-0.124	19.048	0.078	19.063	0.116	19.098	0.199	19.123	0.237
15.233	-0.132	15.237	-0.132	15.249	-0.120	15.255	-0.103	19.139	0.195	19.155	0.137	19.173	0.099	19.193	-0.063
15.261	-0.087	15.265	-0.074	15.275	-0.049	15.287	-0.024	19.210	-0.164	19.239	-0.251	19.255	-0.201	19.273	-0.093
15.296	0.001	15.304	0.034	15.309	0.038	15.315	0.042	19.289	0.037	19.310	0.158	19.325	0.233	19.339	0.274
15.320	0.038	15.331	0.013	15.337	-0.012	15.341	-0.029	19.364	0.232	19.395	0.124	19.414	0.070	19.430	0.040
15.344	-0.046	15.348	-0.058	15.354	-0.071	15.359	-0.079	19.452	0.073	19.470	0.086	19.486	-0.057	19.509	0.081
15.363	-0.088	15.364	-0.084	15.370	-0.075	15.379	-0.071	19.525	0.048	19.543	0.014	19.557	-0.006	19.574	0.027
15.392	-0.046	15.416	-0.009	15.430	0.028	15.440	0.049	19.603	0.072	19.641	0.197	19.663	0.231	19.686	0.243
15.455	-0.024	15.467	0.011	15.484	0.036	15.495	0.049	19.702	0.210	19.739	0.017	19.759	-0.049	19.776	-0.083
15.509	0.023	15.527	-0.081	15.549	-0.236	15.564	-0.390	19.790	-0.087	19.808	0.046	19.828	0.054	19.853	0.183
15.580	-0.490	15.604	-0.545	15.622	-0.642	15.642	-0.370	19.874	-0.296	19.897	-0.337	19.910	0.354	19.929	0.312
15.673	-0.037	15.697	-0.222	15.706	0.284	15.716	0.309	19.954	0.103	19.986	-0.127	20.004	-0.178	20.025	-0.128
15.731	0.267	15.756	-0.008	15.779	-0.263	15.793	-0.355	20.048	-0.011	20.065	0.030	20.105	-0.025	20.120	-0.113
15.811	-0.347	15.846	-0.314	15.864	-0.260	15.878	-0.214	20.150	-0.242	20.158	-0.280	20.209	-0.281	20.225	-0.243
15.913	-0.152	15.924	-0.118	15.953	0.011	15.972	0.094	20.248	-0.173	20.261	-0.135	20.274	-0.115	20.329	-0.061
15.981	0.123	15.993	0.157	16.007	0.144	16.022	0.106	20.344	-0.028	20.353	0.013	20.369	0.084	20.383	0.125
16.038	0.035	16.049	-0.036	16.063	-0.140	16.077	-0.106	20.474	-0.281	20.483	-0.319	20.498	-0.336	20.514	-0.290
16.097	-0.261	16.115	-0.220	16.132	-0.161	16.151	-0.035	20.556	-0.045	20.579	0.030	20.590	0.063	20.605	0.092
16.163	0.106	16.179	0.172	16.195	0.235	16.213	0.264	20.628	0.062	20.648	0.024	20.666	-0.055	20.681	-0.135
16.228	0.301	16.247	0.259	16.257	0.201	16.271	0.134	20.691	-0.160	20.705	-0.189	20.722	-0.202	20.756	-0.215
16.284	0.076	16.297	0.070	16.311	-0.004	16.328	-0.029	20.781	-0.170	20.836	-0.054	20.873	0.066	20.891	0.108
16.341	0.004	16.361	0.046	16.380	0.075	16.398	0.046	20.907	0.078	20.930	0.036	20.954	0.023	20.995	0.023
16.421	-0.034	16.441	-0.105	16.460	-0.117	16.483	-0.063	21.011	0.023	21.030	-0.011	21.043	-0.045	21.061	-0.062
16.509	0.074	16.520	0.145	16.531	0.182	16.542	0.203	21.129	0.054	21.148	0.013	21.173	0.079	21.192	0.070
16.567	0.207	16.581	0.236	16.590	0.257	16.627	0.278	21.216	0.057	21.230	0.011	21.252	-0.039	21.266	-0.069
16.641	0.257	16.656	0.207	16.672	0.152	16.688	0.073	21.284	-0.077	21.308	-0.074	21.344	0.039	21.356	0.059
16.697	-0.010	16.711	-0.056	16.722	-0.082	16.744	-0.098	21.374	0.026	21.419	-0.145	21.443	-0.183	21.461	-0.175
16.755	-0.057	16.763	-0.023	16.783	0.014	16.802	-0.026	21.482	-0.133	21.510	-0.071	21.535	-0.021	21.554	0.004
16.819	0.035	16.835	0.060	16.858	0.030	16.874	-0.020	21.576	-0.017	21.589	-0.034	21.634	0.016	21.658	0.024
16.887	-0.079	16.904	-0.112	16.923	-0.133	16.941	-0.088	21.698	0.041	21.737	0.036	21.776	0.015	21.805	0.040
16.958	-0.008	16.972	-0.054	16.987	0.108	16.999	0.145	21.851	-0.010	21.870	0.007	21.898	0.036	21.919	0.065
17.012	0.166	17.033	0.191	17.050	0.174	17.072	0.157	21.940	0.053	21.959	0.048	21.978	0.065	22.005	0.078
17.082	0.153	17.104	0.165	17.119	0.169	17.135	0.207	22.032	0.099	22.061	0.090	22.073	0.061	22.107	-0.056
17.154	0.352	17.189	0.548	17.204	0.585	17.220	0.544	22.129	-0.089	22.156	-0.043	22.176	0.045	22.192	0.107
17.242	0.402	17.270	0.234	17.282	0.184	17.299	0.201	22.206	0.141	22.225	0.153	22.249	0.149	22.260	0.099
17.314	0.184	17.328	0.138	17.354	0.037	17.372	-0.034	22.274	0.032	22.289	-0.059	22.304	-0.114	22.320	-0.118
17.386	-0.055	17.399	-0.034	17.447	0.170	17.461	0.237	22.377	-0.032	22.349	-0.030	22.359	0.033	22.375	0.066
17.477	0.270	17.496	0.224	17.519	0.140	17.546	0.015								
17.563	-0.015	17.581	-0.027	17.558	-0.065	17.644	-0.145								



22.386	0.091	22.395	0.138	22.410	0.116	22.424	0.074	25.642	-0.009	25.658	0.003	25.685	0.012	25.711	-0.009
22.438	0.033	22.454	0.020	22.471	0.033	22.487	0.083	25.738	-0.034	25.761	-0.093	25.787	-0.105	25.807	-0.105
22.498	0.091	22.509	0.100	22.526	0.125	22.540	0.129	25.825	-0.084	25.838	-0.051	25.863	0.016	25.878	0.070
22.549	0.108	22.564	0.050	22.577	-0.005	22.595	-0.063	25.908	0.120	25.932	0.116	25.957	0.141	25.969	0.116
22.611	-0.084	22.623	-0.121	22.646	-0.100	22.658	-0.125	25.999	0.158	26.015	0.158	26.040	0.091	26.062	-0.001
22.673	-0.134	22.689	-0.092	22.709	-0.058	22.727	-0.046	26.063	-0.001	26.090	-0.126	26.118	-0.097	26.127	-0.076
22.743	-0.025	22.753	-0.029	22.776	-0.021	22.786	-0.071	26.142	-0.038	26.150	-0.038	26.181	0.028	26.197	0.020
22.803	-0.104	22.823	-0.150	22.849	-0.159	22.867	-0.175	26.227	-0.018	26.241	-0.013	26.259	-0.009	26.281	0.024
22.877	-0.163	22.894	-0.159	22.897	-0.163	22.918	0.105	26.300	0.024	26.317	0.033	26.337	0.078	26.349	0.099
22.930	-0.072	22.946	-0.014	22.958	0.032	22.965	0.020	26.368	0.049	26.381	0.141	26.401	0.174	26.428	0.132
22.985	0.049	23.003	0.061	23.017	0.040	23.019	-0.027	26.441	0.082	26.471	0.041	26.484	-0.001	26.503	0.007
23.037	-0.060	23.056	-0.077	23.075	-0.102	23.092	-0.136	26.514	-0.001	26.528	-0.001	26.552	0.003	26.572	-0.001
23.108	-0.190	23.124	-0.203	23.142	-0.228	23.158	-0.245	26.586	-0.072	26.597	-0.114	26.604	-0.139	26.629	-0.081
23.174	-0.237	23.192	-0.204	23.201	-0.204	23.208	-0.196	26.644	-0.052	26.658	-0.002	26.671	0.019	26.697	0.053
23.220	-0.108	23.232	-0.046	23.244	-0.004	23.254	0.008	26.720	0.053	26.739	0.015	26.751	-0.006	26.766	-0.039
23.259	0.017	23.263	0.017	23.269	0.025	23.273	0.025	26.787	-0.089	26.810	-0.114	26.830	-0.110	26.850	-0.090
23.281	0.012	23.292	0.004	23.296	-0.009	23.301	-0.026	26.869	-0.048	26.879	-0.031	26.908	-0.006	26.928	0.015
23.307	-0.042	23.318	-0.059	23.322	-0.072	23.326	-0.084	26.939	0.035	26.962	0.065	26.983	0.056	27.009	0.064
23.333	-0.101	23.337	-0.109	23.344	-0.109	23.353	-0.105	27.023	0.081	27.036	0.056	27.061	0.031	27.075	0.006
23.365	-0.084	23.376	-0.068	23.379	-0.051	23.386	-0.026	27.103	-0.032	27.126	-0.019	27.145	-0.073	27.151	-0.115
23.392	-0.001	23.405	-0.032	23.415	0.049	23.423	0.070	27.167	-0.140	27.182	-0.119	27.197	-0.128	27.213	-0.120
23.428	0.082	23.437	0.095	23.445	0.099	23.448	0.090	27.225	-0.103	27.245	-0.065	27.261	-0.011	27.271	-0.014
23.452	0.095	23.463	0.061	23.495	0.065	23.506	0.040	27.295	0.030	27.303	0.005	27.319	-0.024	27.343	-0.053
23.523	0.019	23.544	-0.018	23.566	0.002	23.585	-0.035	27.362	-0.074	27.383	-0.040	27.402	-0.015	27.409	-0.015
23.608	-0.019	23.621	-0.006	23.629	-0.014	23.643	-0.010	27.434	0.056	27.451	0.047	27.466	0.018	27.485	-0.028
23.666	0.052	23.681	0.060	23.693	0.085	23.697	0.106	27.492	-0.074	27.512	-0.119	27.527	-0.124	27.545	-0.115
23.718	0.169	23.731	0.194	23.747	0.169	23.763	0.110	27.557	-0.090	27.568	-0.078	27.584	-0.019	27.596	0.018
23.772	0.035	23.777	-0.036	23.791	-0.069	23.802	-0.115	27.609	0.084	27.627	0.081	27.642	0.064	27.664	0.006
23.814	-0.161	23.832	-0.165	23.836	-0.165	23.860	0.161	27.691	0.035	27.718	0.015	27.736	0.031	27.759	0.010
23.872	-0.140	23.888	-0.107	23.897	-0.094	23.912	-0.085	27.779	-0.048	27.795	-0.040	27.816	-0.023	27.837	-0.002
23.934	-0.106	23.946	-0.131	23.955	-0.147	23.973	-0.118	27.850	0.038	27.862	0.023	27.879	0.086	27.895	0.107
23.979	-0.114	23.997	-0.072	24.014	-0.013	24.036	0.062	27.920	0.098	27.945	0.082	27.963	0.078	27.990	0.065
24.050	0.062	24.058	0.092	24.079	0.100	24.094	0.067	28.005	0.049	28.029	0.024	28.037	-0.027	28.067	0.040
24.097	0.034	24.112	-0.025	24.129	-0.066	24.152	-0.099	28.084	0.015	28.100	0.036	28.113	0.045	28.122	0.020
24.164	-0.099	24.178	-0.116	24.180	-0.090	24.189	-0.057	28.140	0.057	28.165	0.066	28.176	0.024	28.189	0.020
24.203	-0.036	24.216	-0.011	24.236	0.019	24.244	0.027	28.207	0.020	28.229	0.024	28.240	0.024	28.253	0.045
24.252	0.023	24.267	-0.002	24.286	-0.026	24.307	-0.060	28.266	0.070	28.277	0.087	28.304	0.116	28.312	0.133
24.324	-0.068	24.333	-0.051	24.351	-0.022	24.368	0.033	28.333	0.141	28.350	0.128	28.366	0.087	28.388	0.041
24.389	0.062	24.404	0.071	24.415	0.050	24.437	0.059	28.409	0.028	28.421	0.049	28.443	0.045	28.458	0.061
24.455	-0.055	24.475	-0.026	24.493	-0.020	24.508	-0.049	28.476	0.065	28.494	0.074	28.510	0.078	28.532	0.057
24.529	-0.061	24.550	-0.057	24.576	-0.040	24.594	-0.006	28.549	0.015	28.569	-0.010	28.587	-0.023	28.611	0.006
24.600	-0.027	24.625	0.024	24.639	0.124	24.659	0.141	28.624	0.035	28.639	0.035	28.657	0.065	28.673	0.052
24.673	0.195	24.691	0.204	24.716	0.187	24.735	0.154	28.691	0.044	28.712	0.039	28.728	0.023	28.757	0.035
24.753	0.088	24.770	0.063	24.782	0.055	24.797	0.047	28.774	0.018	28.786	0.014	28.811	-0.011	28.829	-0.028
24.819	0.059	24.832	0.105	24.848	0.131	24.861	0.122	28.852	-0.037	28.875	-0.016	28.893	-0.003	28.908	0.013
24.886	0.106	24.908	0.093	24.922	0.098	24.938	0.119	28.927	-0.004	28.947	0.021	28.979	0.042	28.991	0.012
24.951	0.144	24.967	0.127	24.986	0.148	25.010	0.106	29.023	0.016	29.036	0.012	29.057	0.008	29.075	-0.009
25.028	0.111	25.036	0.056	25.054	0.073	25.078	0.102	29.084	-0.034	29.107	-0.026	29.107	-0.043	29.125	-0.005
25.095	0.048	25.113	-0.064	25.122	-0.156	25.141	-0.244	29.136	-0.010	29.158	0.053	29.182	0.065	29.195	0.061
25.153	-0.298	25.166	-0.277	25.175	-0.243	25.180	-0.185	29.218	0.094	29.246	0.110	29.267	0.127	29.283	0.106
25.204	-0.114	25.210	-0.018	25.230	0.090	25.252	0.141	29.284	0.064	29.307	0.085	29.323	0.084	29.345	0.034
25.254	0.078	25.275	0.041	25.293	0.007	25.303	0.003	29.365	0.034	29.374	0.005	29.385	-0.012	29.410	-0.033
25.320	0.012	25.328	0.016	25.357	0.066	25.376	0.099	29.422	-0.017	29.441	-0.025	29.459	0.008	29.471	0.016
25.390	0.083	25.396	0.053	25.414	0.049	25.441	0.070	29.487	0.041	29.502	0.074	29.524	0.082	29.542	0.082
25.467	0.091	25.477	0.091	25.491	0.049	25.514	0.074	29.573	0.052	29.590	0.015	29.601	-0.015	29.624	0.010
25.536	0.074	25.560	0.083	25.591	0.162	25.610	0.066	29.635	-0.003	29.664	0.018	29.675	0.030	29.696	0.043

29.715	0.038	29.733	0.017	29.751	0.008	29.772	-0.013	33.947	-0.084	33.956	-0.075	33.966	-0.084	33.977	-0.084
29.791	-0.017	29.814	-0.005	29.821	-0.001	29.839	0.045	33.985	-0.088	33.996	-0.084	34.005	-0.076	34.015	-0.068
29.856	0.082	29.875	0.094	29.902	0.081	29.911	0.073	34.026	-0.060	34.036	-0.051	34.047	-0.047	34.056	-0.035
29.939	0.051	29.956	0.022	29.972	0.021	29.993	0.046	34.065	-0.056	34.072	-0.039	34.100	-0.031	34.129	-0.044
30.002	0.054	30.033	0.083	30.052	0.099	30.072	0.111	34.158	-0.057	34.186	-0.070	34.214	-0.091	34.243	-0.104
30.093	0.111	30.114	0.102	30.143	0.081	30.182	0.130	34.249	-0.092	34.257	-0.075	34.270	-0.071	34.282	-0.059
30.192	0.122	30.220	0.159	30.246	0.142	30.258	0.120	34.292	-0.055	34.304	-0.046	34.317	-0.038	34.332	-0.038
30.273	0.095	30.299	0.065	30.318	0.040	30.330	0.036	34.343	-0.038	34.352	-0.038	34.364	-0.042	34.370	-0.051
30.363	0.060	30.378	0.081	30.392	0.093	30.410	0.093	34.381	-0.047	34.389	-0.042	34.398	-0.038	34.408	-0.034
30.431	0.131	30.457	0.109	30.482	0.117	30.498	0.100	34.417	-0.030	34.430	-0.026	34.443	-0.030	34.454	-0.030
30.526	0.116	30.543	0.095	30.573	0.082	30.592	0.057	34.468	-0.034	34.479	-0.028	34.488	-0.042	34.495	-0.066
30.611	0.052	30.635	0.023	30.646	0.023	30.679	0.035	34.502	-0.055	34.512	-0.055	34.520	-0.055	34.529	-0.055
30.694	0.047	30.715	0.047	30.737	0.051	30.740	0.038	34.538	-0.042	34.549	-0.038	34.561	-0.025	34.571	-0.013
30.774	0.071	30.795	0.066	30.810	-0.017	30.843	-0.043	34.579	-0.005	34.586	0.008	34.595	0.029	34.605	0.037
30.865	-0.047	30.889	-0.039	30.903	-0.014	30.927	0.006	34.612	0.046	34.617	0.054	34.630	0.062	34.641	0.054
30.954	0.027	30.965	0.035	30.998	0.014	31.014	0.014	34.651	0.033	34.661	0.012	34.668	-0.000	34.673	-0.013
31.035	0.043	31.063	0.038	31.086	0.034	31.108	0.021	34.683	-0.025	34.689	-0.038	34.697	-0.046	34.705	-0.054
31.125	0.030	31.150	-0.021	31.165	-0.059	31.196	-0.071	34.714	-0.058	34.726	-0.046	34.737	-0.038	34.749	-0.021
31.217	-0.057	31.238	-0.055	31.261	-0.055	31.292	-0.072	34.759	-0.013	34.768	-0.008	34.775	-0.004	34.782	-0.004
31.302	-0.089	31.339	-0.073	31.355	-0.102	31.384	-0.069	34.792	0.004	34.804	-0.004	34.816	0.000	34.826	-0.008
31.401	-0.082	31.415	-0.070	31.443	-0.049	31.474	-0.041	34.836	-0.008	34.843	0.000	34.856	0.001	34.865	-0.012
31.495	-0.021	31.511	-0.029	31.532	-0.038	31.550	-0.046	34.877	-0.016	34.889	-0.016	34.900	-0.024	34.913	-0.024
31.574	-0.068	31.589	-0.055	31.600	-0.093	31.627	-0.047	34.930	-0.028	34.943	-0.036	34.955	-0.040	34.964	-0.048
31.649	-0.010	31.670	-0.023	31.690	0.044	31.712	0.031	34.973	-0.044	34.990	-0.035	35.002	-0.022	35.012	-0.022
31.731	0.018	31.755	-0.011	31.774	-0.024	31.794	-0.020	35.023	-0.005	35.036	0.003	35.046	0.008	35.055	0.016
31.813	-0.020	31.820	-0.075	31.841	-0.033	31.863	-0.046	35.065	0.024	35.078	0.025	35.088	0.016	35.099	0.025
31.888	0.024	31.898	0.033	31.917	0.062	31.944	0.082	35.111	0.029	35.123	0.034	35.133	0.042	35.145	0.046
31.961	0.082	31.989	0.065	32.011	0.023	32.017	-0.031	35.157	0.047	35.167	0.047	35.178	0.043	35.192	0.035
32.045	-0.015	32.069	-0.011	32.087	-0.011	32.125	0.030	35.206	0.027	35.216	0.010	35.228	-0.002	35.234	-0.015
32.145	0.017	32.170	0.038	32.195	0.067	32.222	0.058	35.242	-0.023	35.251	-0.040	35.261	-0.052	35.269	-0.056
32.240	0.078	32.255	0.045	32.280	0.061	32.301	0.103	35.278	-0.064	35.287	-0.064	35.298	-0.072	35.308	-0.080
32.331	0.098	32.354	0.044	32.370	0.014	32.389	-0.049	35.317	-0.097	35.328	-0.105	35.339	-0.105	35.348	-0.113
32.413	-0.033	32.436	-0.021	32.457	0.004	32.475	0.004	35.360	-0.117	35.370	-0.121	35.379	-0.125	35.390	-0.117
32.503	0.057	32.528	0.049	32.555	0.065	32.577	0.073	35.401	-0.104	35.412	-0.095	35.422	-0.079	35.433	-0.066
32.604	0.031	32.623	0.013	32.650	-0.020	32.671	-0.017	35.443	-0.053	35.452	-0.045	35.461	-0.024	35.471	-0.015
32.691	-0.038	32.709	-0.051	32.739	-0.068	32.754	-0.089	35.480	-0.011	35.488	-0.019	35.495	0.006	35.508	0.010
32.782	-0.081	32.804	-0.090	32.818	-0.057	32.846	-0.016	35.518	0.015	35.529	0.019	35.542	0.024	35.555	0.015
32.863	0.005	32.883	0.029	32.900	0.046	32.932	0.003	35.568	0.007	35.578	-0.009	35.588	-0.026	35.602	-0.046
32.942	-0.064	32.960	-0.035	32.995	-0.044	33.018	-0.061	35.612	-0.075	35.622	-0.104	35.632	-0.133	35.641	-0.158
33.029	-0.049	33.056	-0.042	33.082	0.012	33.114	0.020	35.648	-0.183	35.655	-0.196	35.662	-0.204	35.669	-0.212
33.148	0.044	33.167	0.048	33.191	0.022	33.213	0.026	35.677	-0.212	35.688	-0.208	35.699	-0.191	35.710	-0.178
33.234	0.017	33.247	-0.075	33.268	-0.084	33.298	-0.080	35.718	-0.153	35.726	-0.128	35.738	-0.086	35.745	-0.057
33.317	-0.089	33.341	-0.094	33.360	-0.094	33.377	-0.161	35.754	-0.027	35.761	-0.010	35.766	-0.006	35.772	-0.007
33.406	-0.141	33.441	-0.117	33.458	-0.104	33.474	-0.113	35.782	0.015	35.791	-0.002	35.803	-0.022	35.811	-0.035
33.486	-0.109	33.498	-0.118	33.508	-0.135	33.515	-0.147	35.819	-0.047	35.826	-0.064	35.833	-0.088	35.840	-0.109
33.523	-0.164	33.529	-0.177	33.533	-0.181	33.538	-0.194	35.847	-0.126	35.855	-0.138	35.868	-0.146	35.877	-0.171
33.545	-0.206	33.560	-0.198	33.569	-0.194	33.585	-0.182	35.883	-0.188	35.890	-0.196	35.898	-0.204	35.907	-0.212
33.590	-0.174	33.598	-0.165	33.613	-0.170	33.632	-0.170	35.918	-0.216	35.927	-0.229	35.936	-0.233	35.945	-0.233
33.645	-0.179	33.654	-0.183	33.663	-0.192	33.671	-0.200	35.954	-0.232	35.961	-0.228	35.973	-0.215	35.991	-0.194
33.676	-0.204	33.685	-0.213	33.693	-0.213	33.703	-0.222	36.004	-0.173	36.013	-0.152	36.022	-0.139	36.030	-0.118
33.711	-0.209	33.719	-0.201	33.730	-0.185	33.741	-0.176	36.039	-0.114	36.048	-0.106	36.058	-0.093	36.069	-0.093
33.751	-0.156	33.758	-0.131	33.765	-0.114	33.777	-0.094	36.078	-0.097	36.094	-0.117	36.104	-0.134	36.113	-0.142
33.785	-0.077	33.794	-0.061	33.802	-0.057	33.813	-0.069	36.124	-0.129	36.135	-0.113	36.146	-0.096	36.159	-0.075
33.823	-0.078	33.833	-0.091	33.843	-0.091	33.852	-0.108	36.168	-0.045	36.172	-0.024	36.181	-0.003	36.196	0.026
33.860	-0.112	33.872	-0.108	33.884	-0.104	33.893	-0.100	36.205	0.043	36.215	0.051	36.229	0.052	36.241	0.044
33.904	-0.087	33.912	-0.083	33.928	-0.083	33.939	-0.084	36.253	0.023	36.263	0.006	36.272	-0.014	36.283	-0.056

36.294	-0.102	36.304	-0.147	36.314	-0.201	36.325	-0.264	36.721	-0.169	36.735	-0.148	36.751	-0.127	36.769	-0.110
36.332	-0.305	36.338	-0.330	36.349	-0.351	36.362	-0.334	36.785	-0.085	36.798	-0.081	36.818	-0.068	36.833	-0.063
36.373	-0.309	36.382	-0.259	36.392	-0.196	36.402	-0.138	36.844	-0.076	36.865	-0.076	36.876	-0.084	36.889	-0.092
36.409	-0.096	36.415	-0.067	36.422	-0.050	36.430	-0.029	36.905	-0.100	36.922	-0.104	36.937	-0.104	36.951	-0.108
36.438	-0.017	36.449	-0.012	36.459	-0.029	36.468	-0.054	36.961	-0.104	36.974	-0.096	36.986	-0.091	36.993	-0.095
36.479	-0.079	36.489	-0.108	36.495	-0.129	36.502	-0.154	36.914	-0.104	36.927	-0.104	36.937	-0.108	36.947	-0.112
36.511	-0.162	36.525	-0.158	36.533	-0.154	36.546	-0.145	36.952	-0.112	36.961	-0.116	36.970	-0.107	36.980	-0.107
36.555	-0.145	36.561	-0.141	36.569	-0.137	36.577	-0.132	36.931	-0.099	36.9103	-0.090	36.9119	-0.082	36.9135	-0.082
36.591	-0.141	36.608	-0.153	36.620	-0.178	36.631	-0.190	36.9149	-0.073	36.9165	-0.073	36.9178	-0.073	36.9193	-0.065
36.644	-0.223	36.656	-0.253	36.665	-0.273	36.674	-0.282	36.9205	-0.064	36.9214	-0.060	36.9228	-0.060	36.9238	-0.064
36.686	-0.282	36.693	-0.265	36.708	-0.235	36.718	-0.202	36.9247	-0.056	36.9253	-0.052	36.9265	-0.060	36.9275	-0.072
36.730	-0.164	36.738	-0.149	36.748	-0.139	36.762	-0.143	36.9285	-0.081	36.9297	-0.080	36.9311	-0.076	36.9328	-0.063
36.776	-0.151	36.791	-0.164	36.804	-0.168	36.816	-0.176	36.9340	-0.051	36.9351	-0.047	36.9361	-0.043	36.9370	-0.026
36.830	-0.168	36.844	-0.147	36.853	-0.105	36.873	-0.026	36.9383	-0.018	36.9400	-0.034	36.9410	-0.047	36.9421	-0.064
36.886	0.004	36.903	-0.058	36.917	-0.078	36.931	0.066	36.9431	-0.076	36.9439	-0.085	36.9452	-0.093	36.9459	-0.097
36.951	0.007	36.966	-0.068	36.982	-0.126	36.991	-0.159	36.9474	-0.089	36.9492	-0.064	36.9501	-0.055	36.9505	-0.035
36.998	-0.176	37.009	-0.176	37.020	-0.164	37.040	-0.134	36.9514	-0.026	36.9524	-0.018	36.9530	-0.014	36.9541	-0.026
37.050	-0.118	37.063	-0.101	37.076	-0.076	37.088	-0.055	36.9560	-0.039	36.9570	-0.056	36.9578	-0.068	36.9587	-0.076
37.102	-0.047	37.112	-0.038	37.123	-0.038	37.133	-0.026	36.9597	-0.093	36.9603	-0.110	36.9612	-0.118	36.9624	-0.114
37.142	-0.022	37.151	0.003	37.160	0.016	37.169	0.024	36.9634	-0.106	36.9645	-0.093	36.9654	-0.068	36.9667	-0.043
37.179	0.024	37.192	0.033	37.204	0.033	37.215	0.037	36.9676	-0.022	36.9686	-0.018	36.9697	-0.006	36.9703	0.007
37.228	0.045	37.239	0.049	37.247	0.053	37.255	0.058	36.9711	0.011	36.9722	-0.002	36.9732	-0.006	36.9743	-0.018
37.262	-0.013	37.268	-0.028	37.278	-0.012	37.285	-0.005	36.9761	-0.027	36.9772	-0.039	36.9780	-0.048	36.9791	-0.064
37.292	-0.013	37.298	-0.038	37.314	-0.026	37.323	-0.026	36.9804	-0.052	36.9812	-0.052	36.9826	-0.031	36.9833	-0.031
37.334	-0.034	37.344	-0.034	37.354	-0.034	37.366	-0.034	36.9844	-0.019	36.9856	-0.019	36.9866	-0.019	36.9876	-0.027
37.373	-0.030	37.385	-0.034	37.394	-0.051	37.403	-0.080	36.9892	-0.035	36.9901	-0.044	36.9912	-0.044	36.9925	-0.056
37.409	-0.100	37.423	-0.121	37.436	-0.109	37.449	-0.084	36.9937	-0.056	36.9949	-0.044	36.9967	-0.031	36.9980	-0.031
37.463	-0.067	37.471	-0.042	37.482	-0.008	37.491	0.025	36.9989	-0.035	36.9998	-0.039	40.008	-0.031	40.014	-0.031
37.500	0.050	37.507	0.063	37.523	0.080	37.537	0.092	40.026	-0.027	40.034	-0.031	40.044	-0.039	40.052	-0.056
37.567	0.101	37.559	0.101	37.570	0.109	37.580	0.109	40.062	-0.064	40.069	-0.073	40.081	-0.073	40.094	-0.089
37.592	0.101	37.607	0.093	37.616	0.084	37.627	0.076	40.108	-0.081	40.118	-0.081	40.127	-0.081	40.133	-0.089
37.639	0.072	37.648	0.080	37.660	0.085	37.669	0.080	40.142	-0.077	40.150	-0.073	40.158	-0.064	40.167	-0.048
37.678	0.081	37.688	0.076	37.699	0.076	37.706	0.081	40.181	-0.039	40.197	-0.056	40.209	-0.060	40.218	-0.069
37.713	0.060	37.725	0.052	37.733	0.039	37.740	0.014	40.227	-0.077	40.234	-0.081	40.242	-0.090	40.252	-0.090
37.780	-0.002	37.794	-0.031	37.762	-0.032	37.772	-0.040	40.264	-0.077	40.273	-0.060	40.284	-0.031	40.297	0.010
37.822	0.015	37.832	0.027	37.843	0.036	37.852	0.044	40.307	-0.002	40.318	0.015	40.328	0.027	40.334	0.031
37.859	0.049	37.871	0.053	37.883	0.045	37.893	0.032	40.342	0.036	40.351	0.019	40.365	0.011	40.378	-0.019
37.914	0.007	37.929	-0.009	37.942	-0.021	37.955	-0.021	40.389	-0.031	40.400	-0.056	40.406	-0.056	40.414	-0.081
37.969	-0.021	37.979	-0.008	37.990	0.004	37.999	0.021	40.423	-0.090	40.435	-0.098	40.446	-0.090	40.462	-0.077
38.007	0.046	38.016	0.055	38.022	0.055	38.030	0.053	40.478	-0.069	40.491	-0.056	40.505	-0.048	40.523	-0.052
38.045	0.055	38.058	0.038	38.068	0.014	38.083	0.001	40.537	-0.052	40.546	-0.061	40.555	-0.073	40.565	-0.073
38.091	-0.020	38.104	-0.036	38.116	-0.057	38.134	-0.057	40.572	-0.078	40.583	-0.086	40.598	-0.065	40.612	-0.053
38.145	-0.052	38.155	-0.052	38.168	-0.052	38.177	-0.064	40.626	-0.040	40.638	-0.036	40.647	-0.036	40.671	-0.040
38.187	-0.081	38.197	-0.057	38.205	-0.110	38.214	-0.126	40.677	-0.044	40.692	-0.053	40.699	-0.065	40.705	-0.074
38.223	-0.135	38.233	-0.135	38.247	-0.130	38.259	-0.118	40.712	-0.082	40.720	-0.090	40.729	-0.095	40.735	-0.099
38.272	-0.109	38.284	-0.101	38.297	-0.088	38.307	-0.079	40.742	-0.107	40.753	-0.111	40.763	-0.107	40.775	-0.107
38.317	-0.092	38.330	-0.100	38.347	-0.104	38.362	-0.108	40.790	-0.095	40.800	-0.095	40.811	-0.091	40.821	-0.082
38.373	-0.112	38.385	-0.116	38.394	-0.107	38.411	-0.095	40.832	-0.070	40.839	-0.066	40.848	-0.062	40.858	-0.070
38.421	-0.082	38.431	-0.065	38.445	-0.048	38.453	-0.027	40.870	-0.070	40.881	-0.087	40.891	-0.091	40.901	-0.108
38.465	-0.015	38.474	-0.006	38.481	-0.002	38.490	0.002	40.907	-0.117	40.917	-0.121	40.922	-0.129	40.927	-0.138
38.498	-0.010	38.508	-0.039	38.521	-0.055	38.529	-0.068	40.937	-0.146	40.947	-0.126	40.961	-0.126	40.973	-0.122
38.535	-0.084	38.543	-0.101	38.549	-0.118	38.559	-0.130	40.986	-0.118	40.996	-0.109	41.004	-0.101	41.013	-0.089
38.568	-0.142	38.575	-0.155	38.587	-0.159	38.599	-0.159	41.025	-0.097	41.036	-0.097	41.050	-0.106	41.066	-0.106
38.613	-0.158	38.632	-0.150	38.649	-0.150	38.662	-0.162	41.076	-0.110	41.088	-0.110	41.102	-0.123	41.111	-0.136
38.671	-0.170	38.682	-0.174	38.692	-0.182	38.706	-0.178	41.122	-0.136	41.139	-0.140	41.154	-0.140	41.165	-0.132
								41.176	-0.120	41.186	-0.112	41.194	-0.099	41.204	-0.087

41.219	-0.104	41.231	-0.112	41.238	-0.129	41.247	-0.146	44.059	-0.193	44.076	-0.189	44.089	-0.176	44.103	-0.168
41.255	-0.150	41.263	-0.159	41.268	-0.171	41.277	-0.180	44.116	-0.160	44.129	-0.151	44.147	-0.139	44.163	-0.131
41.292	-0.171	41.307	-0.163	41.317	-0.147	41.326	-0.134	44.180	-0.131	44.195	-0.135	44.206	-0.143	44.216	-0.156
41.338	-0.122	41.345	-0.126	41.355	-0.114	41.364	-0.110	44.235	-0.152	44.255	-0.131	44.274	-0.114	44.289	-0.102
41.375	-0.093	41.385	-0.081	41.398	-0.085	41.413	-0.098	44.303	-0.094	44.315	-0.081	44.329	-0.073	44.341	-0.052
41.423	-0.115	41.435	-0.123	41.444	-0.148	41.453	-0.165	44.358	-0.040	44.374	-0.035	44.386	-0.035	44.401	-0.035
41.461	-0.174	41.470	-0.182	41.479	-0.195	41.486	-0.199	44.411	-0.035	44.426	-0.040	44.437	-0.044	44.450	-0.044
41.499	-0.178	41.507	-0.157	41.520	-0.141	41.533	-0.108	44.464	-0.048	44.474	-0.056	44.487	-0.061	44.500	-0.052
41.543	-0.091	41.551	-0.083	41.565	-0.071	41.572	-0.071	44.515	-0.040	44.531	-0.040	44.541	-0.027	44.550	-0.019
41.582	-0.075	41.593	-0.092	41.602	-0.109	41.611	-0.121	44.565	-0.002	44.575	-0.002	44.588	0.006	44.605	0.010
41.621	-0.130	41.627	-0.134	41.636	-0.138	41.652	-0.126	44.621	0.002	44.630	-0.003	44.649	-0.015	44.660	-0.036
41.667	-0.122	41.675	-0.114	41.687	-0.105	41.700	-0.106	44.676	-0.032	44.691	-0.019	44.703	0.006	44.715	0.014
41.713	-0.110	41.726	-0.118	41.739	-0.127	41.750	-0.131	44.733	0.018	44.748	0.031	44.760	0.031	44.772	0.043
41.759	-0.140	41.767	-0.152	41.779	-0.157	41.789	-0.161	44.785	0.043	44.794	0.043	44.804	0.051	44.818	0.039
41.802	-0.149	41.815	-0.140	41.825	-0.128	41.835	-0.116	44.824	0.030	44.833	0.022	44.843	0.005	44.855	-0.003
41.847	-0.095	41.857	-0.086	41.867	-0.057	41.877	-0.045	44.870	0.001	44.886	0.005	44.903	0.005	44.925	0.009
41.883	-0.037	41.896	-0.024	41.909	-0.020	41.921	-0.024	44.943	0.018	44.958	0.018	44.970	0.013	44.986	0.009
41.937	-0.020	41.951	-0.020	41.964	-0.020	41.977	-0.024	45.000	0.018	45.017	0.030	45.039	0.026		
41.990	-0.024	42.004	-0.012	42.018	-0.004	42.033	0.009								
42.043	0.017	42.055	0.029	42.064	0.046	42.073	0.046								
42.085	0.046	42.098	0.042	42.110	0.033	42.126	0.025								
42.135	0.017	42.144	0.021	42.158	0.037	42.182	0.046								
42.195	0.050	42.208	0.062	42.215	0.066	42.227	0.070								
42.240	0.062	42.250	0.054	42.266	0.029	42.258	0.020								
42.318	0.020	42.340	0.012	42.349	0.003	42.364	0.005								
42.373	-0.005	42.385	0.003	42.399	0.016	42.414	0.028								
42.426	0.036	42.435	0.053	42.444	0.061	42.455	0.065								
42.470	0.053	42.480	0.044	42.489	0.036	42.498	0.015								
42.506	0.007	42.516	-0.006	42.534	-0.014	42.539	-0.014								
42.554	-0.014	42.568	-0.014	42.585	-0.014	42.599	-0.015								
42.608	-0.015	42.621	-0.023	42.631	-0.031	42.648	-0.031								
42.665	-0.027	42.673	-0.019	42.686	-0.023	42.701	-0.023								
42.714	-0.028	42.726	-0.028	42.740	-0.028	42.757	-0.028								
42.770	-0.024	42.779	-0.024	42.791	-0.024	42.801	-0.020								
42.816	-0.024	42.828	-0.032	42.846	-0.036	42.856	-0.045								
42.868	-0.045	42.885	-0.045	42.902	-0.054	42.921	-0.058								
42.937	-0.058	42.950	-0.058	42.961	-0.067	42.971	-0.079								
42.980	-0.080	42.993	-0.080	43.003	-0.080	43.013	-0.080								
43.026	-0.093	43.037	-0.101	43.044	-0.109	43.056	-0.118								
43.066	-0.135	43.074	-0.147	43.081	-0.164	43.091	-0.177								
43.098	-0.185	43.106	-0.185	43.118	-0.181	43.129	-0.177								
43.138	-0.169	43.183	-0.157	43.229	-0.145	43.275	-0.133								
43.321	-0.129	43.334	-0.142	43.345	-0.146	43.357	-0.163								
43.367	-0.175	43.379	-0.184	43.387	-0.205	43.395	-0.205								
43.407	-0.209	43.423	-0.192	43.442	-0.184	43.452	-0.168								
43.468	-0.147	43.481	-0.143	43.491	-0.130	43.506	-0.118								
43.522	-0.131	43.542	-0.139	43.561	-0.152	43.576	-0.173								
43.586	-0.181	43.602	-0.198	43.613	-0.211	43.624	-0.219								
43.634	-0.228	43.648	-0.240	43.662	-0.240	43.683	-0.232								
43.696	-0.228	43.714	-0.228	43.727	-0.228	43.742	-0.220								
43.757	-0.191	43.770	-0.191	43.786	-0.179	43.800	-0.175								
43.813	-0.162	43.826	-0.167	43.842	-0.171	43.849	-0.167								
43.860	-0.167	43.871	-0.159	43.883	-0.150	43.901	-0.138								
43.917	-0.138	43.930	-0.142	43.943	-0.138	43.956	-0.134								
43.967	-0.134	43.978	-0.134	43.986	-0.138	44.002	-0.151								
44.010	-0.159	44.021	-0.167	44.030	-0.180	44.042	-0.193								

71.084 2/9/71 G6JCPST LA 1880 CENTURY PARK E.1ST LVL PKG DOWN

3995 POINTS 45.248 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/LO.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1201 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.063	0.008	-0.058	0.013	0.002	0.017	0.039	1.262	-0.161	1.267	-0.119	1.273	-0.004	1.281	0.168	1.281	0.168
0.026	0.039	0.039	0.025	0.050	0.011	0.060	-0.035	1.285	0.242	1.294	0.306	1.303	0.242	1.306	0.094	1.306	0.094
0.066	-0.063	0.073	-0.146	0.083	-0.262	0.050	-0.299	1.311	-0.027	1.313	-0.055	1.322	-0.143	1.327	-0.249	1.327	-0.249
0.097	-0.283	0.103	-0.239	0.116	-0.192	0.122	-0.137	1.332	-0.295	1.341	-0.323	1.351	-0.305	1.362	-0.254	1.362	-0.254
0.125	-0.104	0.133	-0.077	0.139	-0.021	0.145	0.016	1.366	-0.277	1.379	-0.221	1.379	-0.115	1.386	0.015	1.386	0.015
0.153	0.118	0.158	0.183	0.163	0.238	0.172	0.280	1.388	0.140	1.393	0.288	1.402	0.403	1.407	0.482	1.407	0.482
0.180	0.247	0.187	0.155	0.191	0.090	0.199	0.048	1.417	0.408	1.422	0.269	1.435	0.037	1.444	-0.152	1.444	-0.152
0.207	0.011	0.213	-0.035	0.220	-0.077	0.226	-0.128	1.451	-0.301	1.457	-0.351	1.466	-0.277	1.478	-0.153	1.478	-0.153
0.237	-0.146	0.243	-0.179	0.253	-0.202	0.259	0.174	1.483	-0.065	1.497	0.056	1.509	0.116	1.522	0.266	1.522	0.266
0.265	-0.109	0.268	-0.072	0.272	0.002	0.275	0.053	1.531	0.352	1.537	0.278	1.549	0.042	1.566	-0.125	1.566	-0.125
0.281	0.099	0.290	0.132	0.295	0.108	0.310	0.067	1.563	-0.076	1.571	-0.278	1.580	-0.213	1.586	-0.153	1.586	-0.153
0.320	0.058	0.327	0.307	0.337	-0.030	0.348	-0.072	1.593	0.125	1.603	-0.158	1.608	-0.079	1.617	0.060	1.617	0.060
0.354	-0.104	0.362	-0.151	0.371	-0.192	0.377	-0.155	1.623	0.175	1.631	0.374	1.636	0.523	1.644	0.615	1.644	0.615
0.387	-0.104	0.395	-0.063	0.403	-0.030	0.409	-0.070	1.651	0.560	1.668	0.333	1.676	0.092	1.685	-0.084	1.685	-0.084
0.415	-0.044	0.424	0.311	0.439	0.122	0.445	0.150	1.687	-0.140	1.699	-0.181	1.716	-0.288	1.726	-0.256	1.726	-0.256
0.456	0.118	0.468	0.030	0.475	0.021	0.490	0.054	1.741	-0.117	1.753	-0.001	1.762	0.054	1.770	0.050	1.770	0.050
0.499	-0.091	0.511	-0.141	0.520	-0.174	0.526	-0.141	1.779	0.087	1.793	0.193	1.796	0.110	1.805	-0.024	1.805	-0.024
0.539	0.021	0.550	0.122	0.559	0.215	0.565	0.275	1.809	-0.048	1.818	-0.015	1.827	-0.094	1.837	-0.187	1.837	-0.187
0.578	0.326	0.585	0.280	0.594	0.201	0.599	0.122	1.850	-0.145	1.858	-0.163	1.868	-0.154	1.873	-0.089	1.873	-0.089
0.604	0.062	0.609	0.002	0.613	-0.072	0.616	-0.151	1.884	0.101	1.889	0.231	1.898	0.360	1.904	0.407	1.904	0.407
0.619	-0.211	0.624	-0.266	0.627	-0.299	0.636	-0.253	1.910	0.347	1.922	0.097	1.927	0.065	1.932	0.023	1.932	0.023
0.644	-0.155	0.651	-0.118	0.663	-0.132	0.669	-0.104	1.944	0.028	1.950	0.000	1.958	-0.065	1.969	-0.157	1.969	-0.157
0.680	0.030	0.687	0.099	0.694	0.141	0.703	0.090	1.973	-0.189	1.981	-0.199	1.988	-0.157	1.993	-0.073	1.993	-0.073
0.717	-0.026	0.718	-0.395	0.727	-0.197	0.734	-0.257	2.003	0.061	2.013	0.121	2.023	0.061	2.038	0.159	2.038	0.159
0.747	-0.234	0.765	-0.280	0.774	-0.239	0.783	-0.104	2.044	0.042	2.056	0.122	2.064	0.076	2.068	-0.049	2.068	-0.049
0.792	0.104	0.798	0.266	0.805	0.391	0.814	0.493	2.073	-0.100	2.083	-0.160	2.097	-0.257	2.102	-0.192	2.102	-0.192
0.822	0.433	0.833	0.280	0.836	0.183	0.844	0.085	2.108	-0.146	2.118	-0.090	2.124	0.040	2.130	0.100	2.130	0.100
0.853	-0.012	0.862	-0.197	0.872	-0.197	0.878	-0.234	2.135	0.169	2.145	0.243	2.154	0.281	2.164	0.230	2.164	0.230
0.891	-0.183	0.901	-0.105	0.904	-0.068	0.917	-0.035	2.175	0.161	2.182	0.156	2.189	0.096	2.193	0.045	2.193	0.045
0.925	0.048	0.930	0.104	0.935	0.145	0.945	0.104	2.201	0.031	2.208	-0.038	2.213	-0.066	2.219	-0.070	2.219	-0.070
0.953	0.034	0.962	-0.349	0.970	-0.105	0.978	-0.086	2.229	0.027	2.234	0.060	2.244	0.101	2.253	0.055	2.253	0.055
0.989	-0.045	0.999	-0.049	1.007	-0.048	1.016	0.117	2.259	-0.033	2.262	-0.084	2.276	-0.097	2.290	-0.125	2.290	-0.125
1.027	0.191	1.031	0.233	1.040	0.224	1.052	0.210	2.296	-0.065	2.300	-0.028	2.308	0.033	2.318	0.065	2.318	0.065
1.060	0.191	1.067	0.117	1.077	0.039	1.085	-0.049	2.327	0.102	2.334	0.116	2.344	0.061	2.351	0.001	2.351	0.001
1.095	-0.137	1.098	-0.198	1.104	-0.249	1.110	-0.304	2.357	-0.091	2.364	-0.165	2.367	-0.225	2.379	-0.304	2.379	-0.304
1.119	-0.253	1.125	-0.110	1.131	-0.031	1.135	0.020	2.383	-0.341	2.389	-0.327	2.395	-0.275	2.405	-0.210	2.405	-0.210
1.147	0.020	1.158	0.024	1.166	0.075	1.174	0.214	2.412	-0.164	2.420	-0.029	2.429	0.174	2.435	0.203	2.435	0.203
1.181	0.274	1.187	0.135	1.196	0.215	1.203	0.101	2.442	0.244	2.457	0.289	2.465	0.226	2.477	0.134	2.477	0.134
1.211	-0.128	1.215	-0.165	1.223	-0.230	1.228	-0.189	2.484	0.023	2.490	-0.069	2.496	-0.190	2.504	-0.250	2.504	-0.250
1.232	-0.147	1.236	-0.105	1.243	-0.068	1.253	-0.105	2.514	-0.175	2.526	-0.124	2.533	-0.036	2.543	-0.052	2.543	-0.052

2.560	0.118	2.569	0.303	2.573	0.340	2.582	0.368	4.522	0.169	4.533	0.188	4.542	0.211	4.551	0.169
2.587	0.285	2.594	0.206	2.600	0.082	2.609	-0.052	4.560	0.086	4.566	-0.007	4.573	-0.049	4.583	-0.053
2.615	-0.126	2.631	-0.158	2.639	-0.130	2.656	-0.190	4.589	-0.044	4.603	-0.123	4.611	-0.156	4.619	-0.105
2.664	-0.144	2.675	-0.014	2.685	0.070	2.688	0.102	4.626	0.011	4.634	0.108	4.641	0.164	4.650	0.126
2.696	-0.144	2.704	0.103	2.710	0.052	2.728	-0.031	4.658	0.052	4.662	0.011	4.679	-0.017	4.688	-0.017
2.738	-0.086	2.744	-0.063	2.755	-0.007	2.770	-0.048	4.698	-0.018	4.709	-0.064	4.719	-0.041	4.729	-0.075
2.777	0.031	2.788	0.119	2.795	0.202	2.805	0.258	4.739	0.209	4.746	0.260	4.755	0.218	4.764	0.125
2.817	0.194	2.826	0.124	2.837	0.060	2.841	-0.005	4.773	0.060	4.783	0.047	4.792	-0.005	4.805	-0.083
2.847	-0.047	2.858	-0.084	2.866	-0.051	2.875	0.004	4.812	-0.130	4.821	-0.154	4.828	-0.111	4.839	-0.028
2.891	-0.019	2.897	-0.037	2.906	0.004	2.913	0.060	4.844	0.027	4.853	0.074	4.865	0.027	4.874	-0.005
2.920	0.092	2.932	0.055	2.940	0.014	2.947	-0.051	4.888	0.050	4.892	0.083	4.909	0.115	4.915	0.157
2.954	-0.084	2.961	-0.111	2.971	-0.051	2.981	0.051	4.920	0.180	4.935	0.106	4.956	-0.042	4.967	-0.181
2.990	0.083	2.999	0.074	3.006	0.092	3.014	0.157	4.974	-0.283	4.987	-0.283	4.997	-0.320	5.005	-0.270
3.021	0.213	3.030	0.166	3.039	0.097	3.044	0.023	5.016	-0.080	5.024	0.054	5.028	0.207	5.034	0.281
3.064	-0.084	3.066	-0.255	3.084	-0.324	3.090	-0.306	5.041	0.388	5.046	0.452	5.055	0.522	5.067	0.471
3.100	-0.250	3.110	-0.241	3.123	-0.051	3.132	0.208	5.074	0.374	5.084	0.225	5.092	0.026	5.098	-0.140
3.138	0.301	3.147	0.365	3.157	0.407	3.164	0.370	5.105	-0.205	5.113	-0.265	5.130	-0.191	5.139	-0.122
3.168	0.301	3.175	0.171	3.181	0.074	3.183	0.009	5.156	0.031	5.171	0.197	5.180	0.364	5.221	-0.289
3.192	-0.042	3.200	-0.148	3.210	-0.162	3.214	-0.121	5.196	0.105	5.207	-0.076	5.215	-0.229	5.221	-0.289
3.222	-0.088	3.230	-0.056	3.241	-0.033	3.247	0.032	5.232	-0.243	5.242	-0.247	5.256	-0.261	5.266	-0.123
3.253	0.143	3.260	0.250	3.267	0.324	3.276	0.287	5.275	0.081	5.281	0.257	5.290	0.368	5.297	0.460
3.286	0.111	3.294	0.027	3.304	-0.070	3.316	-0.097	5.311	0.391	5.324	0.312	5.334	0.090	5.344	-0.021
3.326	-0.111	3.333	-0.236	3.340	-0.287	3.349	-0.204	5.351	-0.155	5.365	-0.229	5.376	-0.183	5.384	-0.142
3.353	-0.107	3.365	0.004	3.369	0.055	3.377	0.052	5.394	-0.146	5.404	-0.007	5.413	0.141	5.419	0.284
3.384	0.184	3.392	0.309	3.399	0.388	3.410	0.346	5.424	0.340	5.433	0.391	5.444	0.321	5.452	0.201
3.419	0.235	3.425	0.170	3.436	0.063	3.445	-0.006	5.465	0.192	5.473	0.229	5.478	0.238	5.486	0.154
3.452	-0.053	3.463	-0.099	3.475	-0.169	3.493	-0.085	5.489	0.104	5.497	0.066	5.504	-0.012	5.510	-0.059
3.504	0.007	3.509	0.100	3.518	0.150	3.524	0.183	5.516	-0.100	5.523	-0.026	5.530	0.002	5.538	0.052
3.534	0.210	3.541	0.164	3.549	0.127	3.561	0.173	5.549	0.011	5.559	0.099	5.567	0.131	5.577	0.150
3.569	0.127	3.577	0.029	3.584	-0.054	3.590	-0.087	5.585	0.099	5.594	0.015	5.604	-0.063	5.614	-0.184
3.599	-0.059	3.610	-0.013	3.616	-0.013	3.626	-0.050	5.622	-0.272	5.631	-0.304	5.641	-0.263	5.654	-0.151
3.634	-0.069	3.640	-0.013	3.643	0.024	3.650	0.066	5.669	0.015	5.676	0.173	5.687	0.385	5.690	0.459
3.656	0.019	3.666	-0.027	3.675	-0.083	3.681	-0.129	5.698	0.520	5.709	0.455	5.715	0.353	5.721	0.302
3.687	-0.217	3.693	-0.268	3.699	-0.296	3.708	-0.218	5.730	0.084	5.741	-0.091	5.751	-0.212	5.755	-0.277
3.712	-0.181	3.721	-0.176	3.734	-0.167	3.744	-0.037	5.774	-0.304	5.774	-0.263	5.780	-0.221	5.796	-0.221
3.749	0.023	3.755	0.069	3.766	0.069	3.773	0.050	5.806	-0.156	5.812	-0.092	5.822	-0.055	5.832	-0.096
3.782	0.036	3.792	0.096	3.803	0.142	3.817	0.091	5.840	-0.119	5.851	-0.101	5.865	-0.101	5.879	0.028
3.826	0.054	3.834	0.045	3.844	0.105	3.854	0.156	5.899	0.162	5.908	0.149	5.920	0.232	5.928	0.292
3.859	0.114	3.869	0.096	3.886	0.072	3.892	0.012	5.937	0.310	5.945	0.245	5.950	0.195	5.961	0.148
3.899	-0.044	3.904	-0.071	3.920	-0.071	3.936	-0.053	5.973	0.111	5.985	-0.000	5.998	-0.102	6.007	-0.028
3.945	0.016	3.953	0.086	3.959	0.123	3.968	0.150	6.014	0.115	6.019	0.162	6.032	0.171	6.049	0.198
3.977	0.113	3.986	0.113	3.993	0.169	3.998	0.155	6.055	0.147	6.068	0.134	6.077	-0.161	6.084	0.045
4.007	0.118	4.013	0.071	4.018	0.039	4.025	0.016	6.091	-0.080	6.099	-0.200	6.107	-0.251	6.115	-0.182
4.045	0.062	4.063	0.099	4.073	0.103	4.078	0.131	6.122	-0.112	6.134	0.027	6.137	0.045	6.150	0.064
4.091	0.075	4.101	0.122	4.103	0.159	4.117	0.103	6.162	0.124	6.169	0.249	6.176	0.332	6.184	0.369
4.121	0.080	4.132	0.310	4.148	-0.022	4.162	-0.059	6.194	0.309	6.200	0.142	6.203	0.040	6.212	0.008
4.170	-0.022	4.176	0.024	4.184	-0.089	4.189	0.126	6.218	-0.057	6.220	-0.131	6.225	-0.159	6.236	-0.090
4.194	0.149	4.202	0.093	4.218	-0.050	4.225	-0.083	6.239	-0.044	6.248	-0.025	6.256	-0.053	6.264	-0.048
4.242	-0.046	4.248	-0.102	4.263	-0.213	4.270	-0.254	6.269	-0.016	6.276	0.040	6.280	0.081	6.283	0.114
4.277	-0.217	4.287	-0.309	4.296	0.057	4.298	0.143	6.289	0.155	6.299	0.215	6.305	0.146	6.309	0.104
4.305	0.180	4.318	0.176	4.328	0.153	4.337	0.092	6.313	0.062	6.318	-0.035	6.322	-0.114	6.329	-0.067
4.345	-0.051	4.366	-0.121	4.370	-0.167	4.377	-0.190	6.335	-0.146	6.342	-0.100	6.361	-0.054	6.365	0.025
4.386	-0.130	4.394	-0.015	4.406	0.166	4.414	0.254	6.375	0.122	6.381	0.127	6.387	0.159	6.392	0.210
4.421	0.277	4.423	0.258	4.439	0.286	4.444	0.258	6.396	0.247	6.398	0.288	6.404	0.349	6.410	0.316
4.452	0.221	4.459	0.212	4.470	0.165	4.476	0.123	6.420	0.242	6.423	0.196	6.428	0.098	6.434	0.010
4.482	0.072	4.491	0.054	4.500	0.082	4.512	0.132	6.439	-0.110	6.444	-0.179	6.447	-0.198	6.450	-0.244

6.453	-0.346	6.459	-0.369	6.466	-0.379	6.475	-0.328	10.016	-0.090	10.030	-0.164	10.046	-0.345	10.071	-0.141
6.483	-0.243	6.488	-0.198	6.493	-0.138	6.497	-0.078	10.092	-0.113	10.106	0.067	10.115	0.104	10.156	0.029
6.501	0.043	6.503	0.079	6.505	0.139	6.507	0.181	10.172	0.150	10.195	0.122	10.210	0.011	10.234	-0.225
6.511	0.241	6.513	0.278	6.517	0.315	6.523	0.375	10.259	-0.156	10.280	0.010	10.302	0.246	10.323	0.107
6.534	0.329	6.539	0.278	6.548	0.269	6.555	0.144	10.346	-0.308	10.360	0.103	10.380	0.103	10.398	0.279
6.563	-0.014	6.570	-0.158	6.576	-0.204	6.589	-0.213	10.417	0.292	10.435	0.098	10.457	-0.249	10.480	-0.272
6.596	-0.223	6.606	-0.143	6.618	-0.203	6.623	0.203	10.499	-0.235	10.531	0.126	10.548	0.330	10.548	-0.018
6.634	0.314	6.644	0.319	6.657	0.221	6.669	0.226	10.559	-0.268	10.570	-0.314	10.580	-0.388	10.609	-0.397
6.678	-0.047	6.684	-0.229	6.692	-0.413	6.712	-0.612	10.634	-0.041	10.649	0.126	10.676	-0.124	10.694	-0.323
6.727	-0.400	6.745	-0.030	6.758	0.035	6.778	-0.071	10.715	-0.184	10.724	-0.184	10.749	-0.286	10.768	0.348
6.792	-0.109	6.812	0.058	6.827	0.062	6.835	0.044	10.791	0.056	10.809	-0.272	10.819	-0.286	10.837	-0.314
6.855	0.145	6.867	0.117	6.879	0.015	6.892	-0.003	10.859	-0.194	10.881	0.116	10.889	0.278	10.901	0.278
7.007	-0.398	7.023	-0.495	7.041	-0.297	7.053	-0.329	10.918	0.037	10.930	-0.012	10.949	-0.005	10.976	0.064
7.068	-0.241	7.079	-0.195	7.096	0.013	7.114	0.159	11.041	0.045	11.057	-0.047	11.084	0.017	11.101	0.151
7.129	-0.173	7.147	0.035	7.162	0.313	7.186	0.285	11.131	0.142	11.159	0.053	11.181	0.155	11.186	0.238
7.199	0.558	7.208	0.618	7.221	0.488	7.239	0.210	11.196	0.373	11.202	0.479	11.208	0.544	11.212	0.558
7.249	0.067	7.263	0.095	7.275	-0.290	7.281	-0.387	11.229	0.469	11.235	0.409	11.244	0.266	11.251	0.173
7.348	0.204	7.357	0.172	7.366	0.019	7.378	-0.023	11.260	-0.017	11.266	-0.096	11.270	-0.161	11.275	-0.202
7.385	-0.217	7.394	-0.352	7.407	-0.176	7.420	-0.114	11.281	-0.235	11.286	-0.212	11.298	-0.161	11.306	-0.078
7.437	0.356	7.451	0.550	7.464	0.759	7.478	0.513	11.321	-0.055	11.324	-0.045	11.332	-0.069	11.339	-0.096
7.493	0.027	7.506	-0.191	7.516	-0.203	7.533	-0.293	11.342	-0.120	11.352	-0.087	11.361	-0.148	11.369	-0.217
7.556	-0.168	7.531	0.368	7.599	0.058	7.614	-0.132	11.377	-0.263	11.389	-0.250	11.401	-0.250	11.420	-0.208
7.623	-0.276	7.636	-0.225	7.644	-0.248	7.657	-0.114	11.426	-0.185	11.435	-0.134	11.441	-0.088	11.452	-0.065
7.677	-0.049	7.699	0.237	7.715	0.038	7.739	-0.416	11.458	0.032	11.475	0.120	11.486	0.059	11.496	0.124
7.753	-0.342	7.767	-0.430	7.788	-0.268	7.814	0.181	11.501	0.142	11.512	0.110	11.527	0.175	11.533	0.161
7.827	0.116	7.853	0.092	7.863	0.129	7.877	0.009	11.547	0.063	11.552	0.040	11.566	0.082	11.576	0.160
7.888	0.055	7.900	0.073	7.922	0.314	7.937	0.253	11.585	0.123	11.595	0.169	11.604	0.178	11.618	0.160
7.951	0.063	7.963	-0.168	7.979	-0.298	7.990	-0.289	11.628	-0.026	11.631	-0.095	11.649	-0.280	11.655	-0.281
8.020	0.090	8.043	0.382	8.061	0.391	8.082	0.159	11.667	-0.364	11.671	-0.364	11.681	-0.304	11.691	-0.286
8.109	0.001	8.131	0.121	8.149	0.177	8.165	0.005	11.700	-0.239	11.712	-0.142	11.724	-0.175	11.727	-0.147
8.190	-0.111	8.211	0.097	8.236	0.199	8.248	0.171	11.739	-0.199	11.750	-0.333	11.760	-0.448	11.766	-0.523
8.262	0.189	8.280	0.022	8.295	0.004	8.311	-0.058	11.772	-0.555	11.778	-0.578	11.794	-0.565	11.800	-0.449
8.325	0.133	8.342	0.253	8.365	0.031	8.379	-0.085	11.815	-0.329	11.824	-0.264	11.832	-0.148	11.836	-0.107
8.397	-0.039	8.428	-0.151	8.449	0.140	8.459	0.149	11.849	-0.344	11.859	-0.190	11.870	-0.246	11.880	-0.274
8.492	-0.138	8.522	0.023	8.544	0.065	8.559	0.236	11.887	-0.218	11.915	-0.121	11.918	-0.005	11.930	0.157
8.578	0.263	8.612	-0.048	8.627	-0.205	8.656	-0.331	11.945	0.370	11.949	0.416	11.953	0.448	11.964	0.444
8.693	-0.188	8.703	-0.188	8.716	-0.119	8.732	-0.124	11.974	0.374	11.984	0.226	11.990	0.129	11.999	0.124
8.746	-0.017	8.793	-0.115	8.812	-0.222	8.836	-0.079	12.006	0.156	12.018	0.036	12.023	0.008	12.031	0.050
8.873	-0.117	8.892	-0.034	8.919	-0.145	8.940	-0.243	12.041	0.138	12.051	0.138	12.070	0.286	12.085	0.170
8.965	-0.373	9.001	-0.082	9.032	0.148	9.049	0.055	12.099	-0.020	12.106	-0.122	12.117	-0.187	12.130	-0.238
9.068	-0.162	9.089	-0.052	9.108	0.073	9.146	0.401	12.139	-0.219	12.155	-0.035	12.167	-0.155	12.176	-0.011
9.176	0.099	9.187	0.380	9.212	0.293	9.225	0.302	12.183	0.012	12.190	0.075	12.199	0.017	12.204	-0.039
9.239	0.464	9.253	0.486	9.271	0.046	9.287	-0.315	12.210	-0.146	12.217	-0.210	12.228	-0.354	12.243	-0.363
9.301	-0.450	9.316	-0.357	9.330	-0.376	9.353	0.012	12.252	-0.391	12.259	-0.419	12.263	-0.368	12.274	-0.275
9.360	0.299	9.371	0.442	9.397	0.058	9.410	-0.197	12.285	-0.123	12.290	0.021	12.297	0.118	12.309	0.280
9.415	-0.225	9.435	-0.415	9.456	-0.300	9.475	0.223	12.330	0.243	12.345	0.196	12.358	0.183	12.363	0.085
9.487	0.519	9.496	0.630	9.515	0.296	9.532	0.018	12.376	-0.123	12.386	-0.109	12.398	-0.160	12.410	-0.063
9.546	-0.218	9.572	-0.219	9.607	0.105	9.630	0.058	12.414	-0.012	12.422	0.048	12.434	0.187	12.440	0.247
9.644	-0.248	9.674	-0.466	9.709	-0.087	9.728	0.320	12.447	0.298	12.453	0.266	12.461	0.220	12.470	0.196
9.745	0.500	9.758	0.426	9.775	0.004	9.784	-0.135	12.476	0.141	12.482	0.021	12.490	-0.109	12.496	-0.178
9.804	-0.195	9.820	-0.140	9.832	-0.159	9.847	0.179	12.507	-0.257	12.514	-0.354	12.517	-0.354	12.526	-0.373
9.872	0.322	9.887	0.123	9.911	0.012	9.923	0.031	12.535	-0.336	12.540	-0.271	12.550	-0.197	12.556	-0.197
9.938	0.003	9.955	0.128	9.972	0.433	9.996	0.100	12.565	-0.035	12.587	0.095	12.599	0.062	12.606	0.025
								12.613	-0.026	12.619	-0.114	12.629	-0.220	12.637	-0.197
								12.648	-0.253	12.658	-0.155	12.664	-0.095	12.671	-0.128

12.678	-0.026	12.684	-0.049	12.694	0.104	12.699	0.173	14.947	0.156	14.956	0.059	14.965	-0.030	14.970	-0.094
12.706	0.229	12.715	0.132	12.725	0.141	12.733	0.104	14.981	-0.122	14.989	-0.141	14.998	-0.118	15.020	-0.067
12.740	0.044	12.748	-0.054	12.753	-0.128	12.769	-0.179	15.040	0.067	15.048	0.094	15.059	0.062	15.068	0.006
12.776	-0.151	12.785	-0.063	12.788	-0.100	12.818	0.210	15.075	-0.072	15.082	-0.119	15.091	-0.100	15.106	-0.068
12.827	0.210	12.834	0.275	12.840	0.326	12.846	0.358	15.131	0.070	15.136	0.093	15.150	0.079	15.161	0.112
12.854	0.331	12.865	0.303	12.873	0.229	12.883	0.109	15.174	0.079	15.183	0.079	15.188	0.070	15.195	0.060
12.889	0.039	12.904	-0.067	12.912	-0.104	12.924	-0.044	15.201	0.056	15.208	0.065	15.219	0.083	15.229	0.088
12.930	-0.072	12.939	-0.095	12.955	0.039	12.960	0.044	15.238	0.120	15.247	0.129	15.253	0.143	15.261	0.152
12.970	0.025	12.986	0.100	13.001	0.127	13.009	0.072	15.282	0.059	15.270	0.129	15.278	0.101	15.278	0.078
13.024	-0.058	13.035	-0.178	13.039	-0.224	13.057	-0.224	15.282	0.059	15.288	0.027	15.294	-0.010	15.302	-0.029
13.075	-0.132	13.087	-0.164	13.094	-0.090	13.100	-0.021	15.304	-0.033	15.311	-0.047	15.317	-0.047	15.324	-0.029
13.106	0.054	13.113	0.169	13.122	0.257	13.135	0.290	15.331	-0.006	15.336	0.022	15.340	0.063	15.343	0.091
13.145	0.230	13.157	0.169	13.166	0.169	13.173	0.109	15.348	0.128	15.353	0.151	15.356	0.170	15.362	0.183
13.179	0.058	13.191	-0.039	13.206	-0.057	13.223	-0.076	15.367	0.197	15.370	0.197	15.373	0.193	15.375	0.174
13.229	-0.020	13.236	0.045	13.245	0.072	13.269	0.216	15.402	0.118	15.409	0.030	15.421	-0.021	15.431	-0.081
13.276	0.174	13.291	0.031	13.305	-0.113	13.312	-0.214	15.449	-0.142	15.460	-0.091	15.475	-0.008	15.488	0.020
13.321	-0.233	13.335	-0.330	13.346	-0.400	13.353	-0.418	15.509	0.085	15.522	0.057	15.536	0.098	15.545	0.070
13.357	-0.390	13.367	-0.256	13.376	-0.196	13.381	-0.140	15.558	0.093	15.572	0.061	15.583	0.135	15.594	0.176
13.395	-0.080	13.403	-0.034	13.411	-0.080	13.418	-0.135	15.605	0.181	15.615	0.199	15.624	0.194	15.635	0.166
13.428	-0.154	13.433	-0.195	13.442	-0.223	13.455	-0.209	15.647	0.129	15.654	0.074	15.661	0.032	15.669	0.004
13.469	-0.205	13.474	-0.172	13.475	-0.130	13.479	-0.103	15.681	-0.029	15.694	-0.047	15.709	-0.034	15.721	-0.006
13.483	-0.042	13.493	-0.105	13.500	0.069	13.507	0.157	15.738	-0.006	15.747	0.045	15.759	0.021	15.778	0.017
13.518	0.134	13.533	0.092	13.544	0.069	13.551	0.027	15.792	-0.039	15.802	-0.007	15.816	-0.016	15.827	0.025
13.554	0.009	13.564	-0.019	13.574	-0.074	13.588	-0.056	15.840	0.067	15.853	0.104	15.864	0.155	15.883	0.131
13.603	-0.028	13.612	0.023	13.622	-0.023	13.634	-0.097	15.898	0.108	15.911	0.071	15.935	0.034	15.950	0.020
13.638	-0.120	13.649	-0.120	13.661	-0.153	13.670	-0.097	15.969	0.015	15.986	-0.057	15.997	0.024	16.013	0.066
13.677	-0.139	13.692	-0.148	13.696	-0.148	13.702	-0.129	16.036	-0.069	16.046	-0.097	16.057	-0.083	16.070	-0.088
13.717	-0.189	13.725	-0.199	13.736	-0.203	13.747	-0.212	16.086	-0.023	16.097	0.023	16.103	0.060	16.109	0.079
13.754	-0.236	13.763	-0.259	13.772	-0.268	13.783	-0.235	16.121	0.023	16.129	0.032	16.138	-0.023	16.147	-0.060
13.791	-0.203	13.802	-0.147	13.809	-0.101	13.820	-0.115	16.160	-0.084	16.175	0.098	16.194	-0.098	16.202	-0.079
13.830	-0.064	13.840	-0.022	13.848	0.029	13.854	0.093	16.215	-0.042	16.223	-0.015	16.233	-0.042	16.261	-0.126
13.868	0.070	13.882	0.043	13.888	0.029	13.905	0.015	16.273	-0.158	16.287	-0.145	16.315	-0.089	16.336	-0.085
13.915	0.047	13.923	0.013	13.928	-0.045	13.932	-0.064	16.368	-0.034	16.358	-0.066	16.370	-0.094	16.377	-0.136
13.941	-0.031	13.949	0.005	13.954	0.047	13.959	0.103	16.387	-0.159	16.411	-0.159	16.427	-0.127	16.431	-0.053
13.964	0.154	13.973	0.203	13.987	0.200	13.996	0.182	16.438	-0.007	16.444	0.026	16.456	0.049	16.472	0.067
14.006	0.214	14.011	0.182	14.023	0.163	14.033	0.112	16.485	-0.048	16.495	0.002	16.514	0.002	16.531	-0.021
14.050	0.089	14.058	0.122	14.075	0.182	14.088	0.238	16.539	-0.045	16.549	-0.049	16.570	-0.049	16.580	-0.068
14.098	0.251	14.107	0.275	14.115	0.233	14.124	0.182	16.588	-0.119	16.598	-0.142	16.610	-0.165	16.621	-0.193
14.130	0.127	14.137	0.057	14.147	-0.003	14.156	-0.040	16.643	-0.147	16.656	-0.119	16.667	-0.059	16.678	-0.004
14.162	-0.068	14.171	-0.045	14.184	0.025	14.203	0.182	16.687	0.038	16.696	0.065	16.706	0.084	16.716	0.093
14.209	0.252	14.226	0.289	14.233	0.252	14.244	0.145	16.725	0.056	16.739	0.000	16.748	-0.064	16.755	-0.088
14.251	0.020	14.268	-0.040	14.280	-0.109	14.288	-0.063	16.777	-0.106	16.789	-0.069	16.804	-0.037	16.813	-0.009
14.296	-0.044	14.306	-0.058	14.312	-0.021	14.328	0.071	16.829	0.014	16.839	-0.014	16.850	-0.047	16.858	-0.098
14.337	0.136	14.343	0.145	14.352	0.113	14.361	0.094	16.873	-0.042	16.891	0.055	16.922	0.124	16.928	0.147
14.369	0.081	14.386	0.067	14.400	0.104	14.413	0.076	16.939	0.100	16.956	0.031	16.966	-0.053	16.972	-0.090
14.420	0.057	14.435	0.080	14.446	0.080	14.457	0.122	16.980	-0.095	16.993	-0.067	17.005	-0.058	17.028	0.132
14.473	0.029	14.484	-0.008	14.497	-0.040	14.514	-0.096	17.043	0.173	17.053	0.201	17.063	0.173	17.078	0.108
14.527	-0.115	14.537	-0.138	14.547	-0.096	14.561	-0.064	17.088	0.029	17.094	-0.013	17.103	-0.045	17.113	-0.017
14.572	-0.050	14.593	-0.092	14.502	-0.050	14.616	-0.056	17.125	0.001	17.141	0.075	17.154	0.107	17.171	0.125
14.626	-0.069	14.634	-0.097	14.649	-0.055	14.661	-0.004	17.185	0.111	17.193	0.051	17.202	-0.046	17.214	-0.144
14.671	0.079	14.680	0.125	14.688	0.139	14.699	0.102	17.225	-0.167	17.235	-0.130	17.249	-0.102	17.258	-0.075
14.722	-0.037	14.738	-0.125	14.747	-0.153	14.759	-0.102	17.285	-0.008	17.306	0.078	17.318	0.027	17.336	-0.025
14.774	-0.019	14.787	0.130	14.798	0.254	14.810	0.291	17.360	-0.062	17.374	-0.020	17.391	-0.048	17.403	-0.025
14.820	0.250	14.827	0.213	14.835	0.111	14.842	0.032	17.419	-0.030	17.431	-0.044	17.451	-0.086	17.468	0.011
14.851	-0.042	14.854	-0.070	14.861	-0.102	14.872	-0.126	17.477	0.048	17.489	0.076	17.500	0.089	17.511	0.089
14.885	-0.093	14.898	-0.070	14.922	0.147	14.934	0.198	17.525	0.089	17.536	0.052	17.546	0.019	17.557	-0.009



17.570	-0.041	17.589	-0.041	17.607	0.014	17.625	0.004	20.902	0.007	20.924	0.076	20.937	0.131	20.952	0.112
17.637	0.018	17.650	-0.014	17.664	-0.033	17.674	-0.076	20.964	0.075	20.980	-0.022	20.985	-0.050	20.997	-0.087
17.681	-0.112	17.690	-0.143	17.702	-0.121	17.717	-0.034	21.035	-0.111	21.014	-0.074	21.036	0.005	21.055	0.064
17.741	0.082	17.748	0.123	17.759	0.137	17.777	0.114	21.067	0.101	21.079	0.115	21.092	0.092	21.107	0.031
17.793	0.030	17.813	-0.127	17.825	-0.151	17.839	-0.160	21.117	-0.001	21.133	-0.015	21.142	0.031	21.155	0.063
17.860	-0.151	17.881	-0.082	17.895	-0.063	17.915	-0.078	21.164	0.100	21.173	0.118	21.184	0.127	21.196	0.104
17.934	-0.092	17.948	-0.110	17.962	-0.087	17.979	-0.018	21.202	0.090	21.213	0.048	21.227	0.011	21.237	-0.026
18.010	-0.051	18.036	-0.010	18.050	-0.051	18.058	-0.076	21.251	-0.050	21.267	-0.008	21.281	0.028	21.291	0.056
18.072	-0.038	18.116	0.170	18.128	0.188	18.141	0.225	21.306	0.060	21.322	0.079	21.333	0.041	21.352	0.013
18.153	0.184	18.172	0.109	18.203	-0.067	18.209	-0.055	21.367	-0.001	21.383	0.036	21.409	0.041	21.428	0.055
18.229	-0.095	18.243	-0.063	18.261	-0.035	18.273	-0.017	21.447	0.078	21.463	0.087	21.486	0.050	21.494	0.031
18.282	-0.008	18.295	-0.031	18.311	-0.045	18.318	-0.045	21.513	0.031	21.537	-0.002	21.559	-0.025	21.584	-0.053
18.336	0.006	18.353	0.075	18.371	0.130	18.388	0.163	21.558	-0.099	21.608	0.127	21.626	-0.109	21.649	-0.095
18.403	0.172	18.417	0.153	18.433	0.125	18.463	0.125	21.656	-0.086	21.664	-0.104	21.677	-0.072	21.695	-0.109
18.469	0.111	18.485	0.060	18.512	0.060	18.524	0.032	21.725	-0.114	21.745	-0.086	21.760	-0.068	21.782	-0.082
18.546	-0.014	18.565	-0.036	18.577	-0.075	18.592	-0.070	21.808	-0.119	21.832	-0.156	21.851	-0.133	21.878	-0.096
18.623	-0.024	18.645	0.017	18.661	0.045	18.672	0.054	21.895	-0.129	21.929	-0.166	21.948	-0.221	21.978	-0.212
18.686	0.068	18.705	0.021	18.714	0.063	18.730	0.044	22.019	-0.184	22.035	-0.124	22.053	-0.096	22.074	-0.119
18.744	0.030	18.757	0.049	18.767	0.086	18.776	0.104	22.091	-0.147	22.114	-0.174	22.134	-0.193	22.147	-0.211
18.783	0.123	18.793	0.072	18.804	0.099	18.815	0.048	22.165	-0.142	22.174	-0.133	22.190	-0.160	22.222	-0.207
18.827	0.002	18.837	-0.026	18.850	-0.021	18.863	-0.035	22.238	-0.234	22.247	-0.230	22.258	-0.193	22.278	-0.105
18.877	0.016	18.892	0.016	18.912	0.076	18.925	0.058	22.293	-0.040	22.307	-0.003	22.325	-0.044	22.348	-0.077
18.961	0.002	18.977	-0.035	18.990	-0.054	19.001	-0.058	22.371	-0.100	22.387	-0.118	22.403	-0.086	22.425	-0.039
19.024	-0.003	19.041	-0.021	19.051	-0.003	19.059	-0.021	22.430	-0.030	22.435	-0.035	22.439	-0.035	22.445	-0.039
19.070	0.002	19.076	0.011	19.085	-0.007	19.092	-0.021	22.454	-0.035	22.461	-0.030	22.470	-0.030	22.475	-0.030
19.100	-0.003	19.117	0.016	19.129	0.025	19.143	0.007	22.482	-0.035	22.483	-0.035	22.488	-0.039	22.495	-0.035
19.165	-0.049	19.190	-0.077	19.198	-0.100	19.211	-0.086	22.503	-0.025	22.510	-0.011	22.515	-0.002	22.519	-0.002
19.233	-0.012	19.251	0.025	19.264	-0.012	19.276	-0.054	22.522	0.007	22.528	0.012	22.534	0.021	22.537	0.026
19.286	-0.100	19.303	-0.132	19.317	-0.151	19.326	-0.137	22.545	0.040	22.552	0.053	22.560	0.049	22.569	0.040
19.337	-0.109	19.359	-0.054	19.368	-0.031	19.382	-0.045	22.576	0.030	22.582	0.016	22.590	-0.011	22.591	-0.011
19.397	-0.082	19.438	-0.082	19.424	-0.105	19.430	-0.105	22.597	-0.030	22.603	-0.039	22.609	-0.030	22.611	-0.025
19.446	-0.082	19.461	-0.031	19.465	-0.008	19.475	0.015	22.616	-0.016	22.620	-0.011	22.625	-0.007	22.635	0.007
19.488	-0.013	19.499	-0.064	19.510	-0.129	19.521	-0.175	22.644	0.003	22.649	0.012	22.654	0.031	22.660	0.049
19.536	-0.249	19.544	-0.263	19.559	-0.236	19.580	-0.139	22.667	0.058	22.673	0.068	22.681	0.068	22.691	0.054
19.593	-0.088	19.607	-0.055	19.622	-0.032	19.631	-0.065	22.700	0.035	22.709	0.017	22.715	0.008	22.720	-0.002
19.647	-0.079	19.674	-0.079	19.684	-0.042	19.705	0.041	22.724	-0.025	22.733	-0.034	22.739	-0.025	22.746	-0.034
19.725	0.083	19.743	0.101	19.750	0.078	19.766	0.031	22.755	-0.011	22.766	-0.006	22.770	-0.002	22.777	0.022
19.783	-0.038	19.797	-0.047	19.813	-0.080	19.828	-0.048	22.784	0.044	22.795	0.059	22.802	0.073	22.811	0.086
19.844	-0.015	19.861	0.003	19.879	-0.007	19.890	-0.016	22.820	0.100	22.829	0.091	22.835	0.096	22.840	0.096
19.902	-0.072	19.919	-0.128	19.926	-0.146	19.935	-0.114	22.845	0.082	22.851	0.063	22.869	0.049	22.878	0.054
19.958	-0.031	19.975	-0.080	19.983	0.107	19.995	0.130	22.886	0.044	22.893	0.035	22.905	0.026	22.914	0.016
20.009	0.107	20.029	0.033	20.045	-0.037	20.060	-0.093	22.924	-0.002	22.934	-0.012	22.948	-0.003	22.959	0.006
20.070	-0.107	20.087	-0.093	20.114	-0.001	20.118	0.026	22.978	-0.003	22.982	-0.003	22.987	0.006	22.999	-0.013
20.132	0.026	20.149	0.031	20.168	0.026	20.180	0.016	23.007	-0.003	23.021	-0.008	23.024	-0.022	23.030	-0.031
20.198	0.007	20.220	0.034	20.226	0.066	20.251	0.094	23.035	-0.036	23.050	-0.013	23.063	-0.009	23.075	0.005
20.263	0.052	20.278	0.070	20.296	0.028	20.312	-0.023	23.083	0.005	23.093	0.000	23.106	0.019	23.113	0.028
20.341	-0.000	20.350	-0.033	20.360	0.009	20.371	-0.019	23.124	0.042	23.130	0.032	23.136	0.023	23.145	0.004
20.394	-0.015	20.431	-0.086	20.451	-0.063	20.464	-0.063	23.152	0.040	23.162	-0.001	23.167	0.009	23.174	0.022
20.477	-0.026	20.489	-0.027	20.502	-0.045	20.521	-0.013	23.186	0.004	23.198	0.022	23.206	0.031	23.213	0.050
20.532	0.010	20.536	0.028	20.547	0.028	20.555	0.037	23.221	0.054	23.227	0.050	23.238	0.045	23.247	0.031
20.577	0.018	20.594	-0.020	20.605	-0.057	20.621	-0.089	23.258	0.017	23.263	-0.008	23.267	-0.006	23.273	-0.016
20.634	-0.067	20.645	-0.034	20.665	-0.016	20.672	-0.021	23.279	-0.025	23.285	-0.025	23.292	-0.016	23.298	-0.007
20.678	0.011	20.694	0.006	20.711	0.006	20.727	0.033	23.304	-0.002	23.315	0.012	23.326	0.030	23.333	0.048
20.739	0.061	20.760	0.046	20.773	0.046	20.791	0.046	23.344	0.062	23.352	0.071	23.357	0.076	23.360	0.081
20.801	0.032	20.819	0.045	20.824	0.059	20.835	0.036	23.366	0.076	23.376	0.057	23.380	0.048	23.387	0.034
20.852	0.003	20.866	-0.016	20.883	-0.035	20.885	-0.044	23.392	0.020	23.393	0.020	23.397	0.006	23.405	-0.012

23.416	-0.031	23.423	-0.040	23.427	-0.063	23.432	-0.072	25.773	-0.012	25.787	0.007	25.793	0.021	25.802	0.025
23.438	-0.100	23.450	-0.072	23.459	-0.077	23.467	-0.086	25.812	0.025	25.828	0.034	25.840	0.025	25.847	0.002
23.477	-0.091	23.487	-0.100	23.505	-0.100	23.512	-0.087	25.859	-0.012	25.875	-0.007	25.885	-0.003	25.898	0.021
23.524	-0.082	23.535	-0.101	23.550	-0.091	23.560	-0.082	25.904	0.007	25.914	0.025	25.925	0.030	25.942	0.044
23.568	-0.091	23.578	-0.096	23.584	-0.087	23.592	-0.073	25.979	0.021	25.989	0.011	25.964	-0.003	25.972	-0.021
23.605	-0.078	23.620	-0.087	23.624	-0.092	23.640	-0.083	25.979	-0.040	25.988	-0.049	25.998	-0.067	26.009	-0.067
23.650	-0.078	23.658	-0.059	23.669	-0.036	23.674	-0.036	26.007	-0.030	26.039	0.016	26.044	0.025	26.056	0.062
23.683	-0.027	23.695	-0.041	23.699	-0.060	23.715	-0.050	26.070	0.062	26.083	0.053	26.096	0.025	26.101	0.007
23.723	-0.046	23.727	-0.055	23.734	-0.064	23.745	-0.074	26.108	-0.012	26.112	-0.021	26.120	-0.030	26.133	-0.016
23.756	-0.078	23.763	-0.069	23.774	-0.060	23.785	-0.051	26.146	0.021	26.159	0.062	26.171	0.081	26.182	0.095
23.792	-0.046	23.802	-0.028	23.814	-0.018	23.826	-0.005	26.193	0.090	26.200	0.071	26.207	0.044	26.217	0.016
23.837	-0.009	23.849	-0.000	23.857	-0.009	23.862	-0.014	26.228	-0.035	26.235	-0.058	26.247	-0.067	26.264	-0.054
23.868	-0.018	23.876	-0.023	23.886	0.000	23.896	-0.009	26.280	-0.026	26.298	-0.012	26.298	-0.016	26.305	-0.030
23.906	-0.009	23.916	0.001	23.926	-0.013	23.945	-0.027	26.309	-0.040	26.321	-0.054	26.334	-0.086	26.345	-0.091
24.938	-0.017	24.973	-0.017	24.983	-0.017	24.992	-0.012	26.358	-0.086	26.365	-0.067	26.377	-0.044	26.388	-0.017
24.001	-0.012	24.013	-0.021	24.018	-0.012	24.025	-0.007	26.400	0.007	26.408	0.016	26.424	0.002	26.438	-0.021
24.032	-0.007	24.043	-0.021	24.052	-0.025	24.060	-0.030	26.453	-0.040	26.467	-0.049	26.483	-0.058	26.494	-0.045
24.070	-0.057	24.076	-0.062	24.084	-0.066	24.095	-0.071	26.506	-0.031	26.518	-0.017	26.532	-0.035	26.549	-0.045
24.107	-0.061	24.117	-0.052	24.128	-0.024	24.136	-0.006	26.561	-0.073	26.572	-0.059	26.580	-0.077	26.597	-0.077
24.148	-0.004	24.162	0.009	24.172	0.013	24.185	0.014	26.609	-0.068	26.620	-0.063	26.637	-0.050	26.647	-0.045
24.196	-0.009	24.210	-0.018	24.218	-0.028	24.226	-0.055	26.657	-0.045	26.674	0.006	26.681	0.001	26.690	0.024
24.238	-0.069	24.248	-0.060	24.260	-0.041	24.273	-0.041	26.703	0.001	26.714	-0.017	26.726	-0.050	26.734	-0.054
24.277	-0.031	24.283	-0.022	24.297	-0.022	24.303	-0.022	26.746	-0.059	26.758	-0.031	26.769	-0.045	26.783	-0.018
24.314	-0.012	24.319	-0.008	24.333	-0.012	24.334	-0.012	26.789	0.001	26.801	-0.008	26.814	0.001	26.821	0.010
24.343	-0.017	24.352	-0.021	24.363	-0.021	24.373	-0.012	26.832	-0.013	26.840	-0.013	26.850	-0.013	26.861	0.005
24.382	-0.002	24.388	-0.002	24.396	-0.011	24.403	-0.025	26.869	0.024	26.875	0.047	26.886	0.061	26.894	0.038
24.413	-0.025	24.427	-0.034	24.441	-0.015	24.454	-0.006	26.904	0.061	26.918	0.061	26.932	0.038	26.945	0.028
24.471	-0.013	24.484	-0.041	24.502	-0.037	24.515	-0.023	26.956	0.005	26.966	0.010	26.978	0.024	26.989	0.056
24.525	-0.009	24.538	-0.005	24.553	-0.009	24.565	-0.004	26.998	0.088	27.005	0.102	27.014	0.125	27.023	0.158
24.581	0.033	24.598	0.019	24.611	0.029	24.626	0.029	27.033	0.153	27.045	0.144	27.049	0.125	27.062	0.107
24.635	0.001	24.645	-0.008	24.657	-0.026	24.661	-0.031	27.074	0.084	27.085	0.051	27.097	0.051	27.110	0.051
24.671	-0.035	24.682	-0.016	24.694	-0.007	24.704	-0.012	27.121	0.065	27.134	0.060	27.145	0.088	27.152	0.065
24.715	-0.035	24.725	0.026	24.737	0.007	24.748	-0.011	27.163	0.070	27.175	0.060	27.184	0.046	27.191	0.046
24.754	-0.020	24.764	-0.043	24.770	-0.052	24.782	-0.061	27.197	0.060	27.210	0.056	27.220	0.037	27.233	0.028
24.801	-0.033	24.813	-0.015	24.826	-0.024	24.834	-0.033	27.241	0.046	27.256	0.060	27.264	0.069	27.276	0.069
24.850	-0.051	24.858	-0.051	24.866	-0.070	24.872	-0.088	27.288	-0.069	27.299	0.088	27.313	0.083	27.329	0.078
24.887	-0.097	24.899	-0.088	24.908	-0.074	24.919	-0.032	27.342	0.069	27.358	0.069	27.363	0.060	27.374	0.041
24.929	-0.009	24.939	0.005	24.952	-0.028	24.967	0.010	27.386	0.046	27.399	0.051	27.411	0.042	27.421	0.018
24.973	0.000	24.976	-0.027	24.982	-0.050	24.993	-0.078	27.432	0.028	27.441	0.018	27.445	0.014	27.453	0.032
25.003	-0.097	25.021	-0.078	25.025	-0.050	25.038	-0.018	27.460	0.028	27.466	0.014	27.478	0.019	27.484	0.014
25.051	0.015	25.060	0.038	25.072	0.070	25.079	0.066	27.493	0.000	27.500	0.005	27.509	-0.005	27.511	-0.005
25.090	0.024	25.099	-0.008	25.114	-0.050	25.128	-0.054	27.518	-0.032	27.530	-0.014	27.538	0.000	27.547	0.005
25.144	-0.031	25.162	-0.017	25.177	0.024	25.191	0.048	27.562	0.009	27.572	0.023	27.579	0.023	27.592	0.005
25.198	0.048	25.208	0.043	25.222	0.011	25.231	0.002	27.599	0.000	27.615	-0.023	27.624	-0.041	27.638	-0.064
25.242	-0.012	25.259	-0.012	25.273	0.002	25.293	0.002	27.648	-0.069	27.660	-0.060	27.667	-0.041	27.680	-0.032
25.305	0.020	25.314	0.048	25.321	0.076	25.341	0.095	27.694	-0.069	27.709	-0.064	27.724	-0.004	27.736	-0.023
25.359	0.090	25.364	0.081	25.369	0.053	25.374	0.034	27.756	-0.022	27.771	-0.041	27.786	-0.046	27.801	-0.041
25.388	0.025	25.399	0.016	25.411	0.011	25.417	0.021	27.821	-0.036	27.837	-0.050	27.849	-0.050	27.854	-0.045
25.428	-0.044	25.440	0.039	25.454	0.048	25.464	0.044	27.862	-0.036	27.876	-0.040	27.880	-0.041	27.892	-0.013
25.470	0.030	25.479	0.053	25.504	0.025	25.520	0.016	27.908	-0.031	27.917	-0.036	27.929	-0.031	27.940	-0.036
25.537	0.011	25.547	0.025	25.555	0.025	25.568	0.025	27.948	-0.050	27.960	-0.027	27.972	-0.031	27.984	-0.059
25.573	0.025	25.581	0.039	25.589	0.058	25.601	0.058	27.999	-0.087	28.011	-0.091	28.024	-0.105	28.032	-0.105
25.611	0.019	25.623	0.034	25.639	0.039	25.643	0.011	28.043	-0.087	28.059	-0.068	28.074	-0.031	28.090	-0.026
25.661	0.002	25.667	0.002	25.674	0.016	25.686	0.021	28.097	-0.017	28.100	-0.017	28.113	-0.022	28.126	-0.026
25.694	0.011	25.708	0.007	25.712	0.002	25.721	-0.021	28.135	-0.012	28.150	-0.017	28.156	-0.031	28.168	-0.026
25.732	-0.035	25.749	-0.044	25.747	-0.044	25.759	-0.030	28.184	-0.012	28.199	-0.011	28.212	0.006	28.226	0.011

28.240	0.011	28.253	0.011	28.262	0.016	28.271	0.030	31.024	0.032	31.042	0.055	31.057	0.037	31.067	0.036
28.286	0.016	28.295	-0.007	28.317	-0.003	28.323	-0.021	31.081	0.032	31.098	-0.001	31.108	-0.001	31.122	0.013
28.325	-0.030	28.339	-0.044	28.363	-0.035	28.375	-0.044	31.131	-0.006	31.144	0.003	31.153	0.026	31.159	0.040
28.384	-0.031	28.402	-0.045	28.410	-0.058	28.423	-0.059	31.174	0.044	31.183	0.040	31.201	0.026	31.216	0.021
28.438	-0.035	28.447	-0.031	28.451	-0.036	28.466	-0.036	31.225	0.044	31.228	0.048	31.241	0.034	31.248	0.025
28.482	-0.040	28.491	-0.036	28.500	-0.040	28.510	-0.050	31.255	0.020	31.267	0.048	31.278	0.057	31.294	0.043
28.525	-0.022	28.538	-0.017	28.555	-0.034	28.566	-0.024	31.308	0.020	31.321	0.033	31.331	0.038	31.341	0.038
28.575	0.033	28.594	0.038	28.605	0.019	28.612	-0.004	31.353	0.056	31.362	0.051	31.373	0.051	31.381	0.056
28.630	-0.036	28.641	-0.060	28.654	-0.069	28.663	-0.069	31.391	0.074	31.406	0.088	31.413	0.065	31.423	-0.051
28.677	-0.055	28.691	-0.041	28.658	-0.051	28.713	-0.023	31.435	0.018	31.451	-0.033	31.458	-0.033	31.473	-0.047
28.728	-0.014	28.736	-0.023	28.752	-0.042	28.763	-0.055	31.480	-0.057	31.495	-0.043	31.514	0.017	31.529	0.049
28.773	-0.069	28.785	-0.065	28.796	-0.046	28.809	-0.051	31.543	0.067	31.551	0.058	31.563	0.063	31.573	0.067
28.819	-0.037	28.830	-0.019	28.846	0.009	28.856	0.032	31.587	0.062	31.593	0.034	31.599	0.020	31.606	0.043
28.870	0.032	28.883	0.027	28.858	0.032	28.907	0.031	31.623	0.048	31.636	0.066	31.648	0.066	31.666	0.047
28.918	0.013	28.928	0.008	28.941	0.008	28.955	0.017	31.684	0.052	31.696	0.014	31.703	0.014	31.716	-0.004
28.967	0.017	28.975	0.049	28.986	0.049	28.993	0.068	31.731	0.023	31.741	0.014	31.755	0.046	31.768	0.078
29.008	0.058	29.017	0.049	29.032	0.040	29.042	0.016	31.776	0.078	31.794	0.064	31.808	0.045	31.820	0.008
29.058	-0.012	29.075	0.007	29.084	0.021	29.097	0.057	31.832	-0.029	31.841	-0.057	31.856	-0.039	31.865	-0.006
29.106	0.071	29.120	0.076	29.127	0.057	29.145	0.039	31.874	0.021	31.881	0.049	31.890	0.049	31.901	0.025
29.164	0.011	29.176	-0.017	29.187	-0.017	29.193	-0.013	31.906	0.025	31.916	0.039	31.929	0.030	31.942	0.011
29.212	0.024	29.225	0.042	29.234	0.061	29.244	0.075	31.945	0.002	31.963	0.025	31.980	0.029	31.990	0.038
29.252	0.070	29.267	0.056	29.283	0.023	29.292	0.005	32.000	0.047	32.015	0.038	32.030	0.038	32.044	-0.009
29.301	-0.005	29.313	-0.000	29.321	0.009	29.337	0.032	32.057	-0.023	32.069	-0.051	32.079	-0.060	32.090	-0.061
29.355	0.032	29.365	0.022	29.377	0.022	29.388	0.031	32.110	-0.042	32.118	-0.010	32.130	0.008	32.147	0.017
29.403	0.008	29.410	-0.006	29.417	-0.020	29.429	-0.043	32.158	0.013	32.170	0.017	32.178	0.003	32.186	-0.020
29.435	-0.062	29.448	-0.067	29.461	-0.044	29.470	-0.044	32.194	-0.034	32.200	-0.057	32.210	-0.062	32.224	-0.039
29.483	-0.049	29.490	-0.053	29.505	-0.054	29.514	-0.044	32.231	-0.025	32.251	-0.021	32.255	-0.026	32.265	-0.021
29.528	-0.082	29.543	-0.096	29.560	-0.082	29.573	-0.064	32.277	-0.012	32.287	-0.035	32.295	-0.073	32.309	-0.087
29.585	-0.018	29.602	-0.059	29.606	-0.060	29.616	-0.032	32.324	-0.087	32.340	-0.069	32.354	-0.064	32.366	-0.064
29.626	-0.018	29.638	-0.037	29.647	-0.046	29.657	-0.056	32.380	-0.056	32.396	-0.005	32.405	-0.024	32.413	-0.033
29.669	-0.060	29.679	-0.056	29.656	-0.033	29.704	-0.047	32.418	-0.038	32.426	-0.033	32.436	-0.066	32.445	-0.075
29.717	-0.030	29.729	-0.029	29.739	-0.015	29.748	-0.006	32.453	-0.089	32.463	-0.090	32.475	-0.081	32.484	-0.067
29.760	-0.020	29.774	-0.043	29.785	-0.048	29.804	-0.044	32.497	-0.030	32.506	-0.026	32.512	-0.044	32.515	-0.044
29.818	-0.035	29.827	-0.053	29.834	-0.049	29.846	-0.021	32.524	-0.031	32.536	-0.054	32.551	-0.059	32.557	-0.078
29.864	-0.022	29.878	-0.040	29.887	-0.059	29.899	-0.055	32.564	-0.078	32.577	-0.050	32.591	-0.060	32.602	-0.037
29.912	-0.064	29.927	-0.069	29.941	-0.046	29.953	-0.047	32.605	-0.023	32.617	-0.037	32.631	-0.014	32.640	-0.042
29.972	-0.024	29.984	-0.020	29.993	-0.020	30.009	-0.034	32.652	-0.070	32.671	-0.094	32.685	-0.113	32.702	-0.118
30.024	-0.039	30.038	-0.058	30.048	-0.058	30.061	-0.054	32.709	-0.095	32.730	-0.095	32.738	-0.063	32.755	-0.059
30.072	-0.049	30.093	-0.031	30.104	-0.027	30.111	-0.022	32.761	-0.063	32.777	-0.073	32.788	-0.064	32.795	-0.078
30.127	0.005	30.137	0.000	30.148	0.005	30.155	0.000	32.806	-0.081	32.827	-0.083	32.843	-0.098	32.856	-0.089
30.167	-0.028	30.178	-0.033	30.155	-0.015	30.210	-0.020	32.867	-0.089	32.877	-0.098	32.893	-0.071	32.911	-0.062
30.228	-0.001	30.243	0.003	30.263	0.007	30.276	-0.007	32.926	-0.058	32.941	-0.063	32.956	-0.073	32.966	-0.096
30.301	0.002	30.316	0.020	30.321	0.024	30.327	0.033	32.978	-0.083	32.986	-0.064	32.993	-0.097	33.003	-0.069
30.337	0.043	30.351	0.010	30.368	-0.014	30.380	-0.009	33.015	-0.033	33.031	-0.047	33.038	-0.052	33.051	-0.080
30.392	0.0	30.400	-0.009	30.410	-0.000	30.425	-0.004	33.065	-0.103	33.077	-0.127	33.091	-0.132	33.104	-0.118
30.437	-0.005	30.444	0.013	30.454	0.013	30.467	-0.001	33.119	-0.100	33.138	-0.068	33.150	-0.050	33.163	-0.046
30.482	-0.015	30.498	-0.002	30.509	-0.007	30.518	-0.011	33.176	-0.066	33.197	-0.065	33.217	-0.066	33.225	-0.061
30.528	-0.002	30.537	0.007	30.555	-0.007	30.567	-0.003	33.236	-0.075	33.248	-0.071	33.264	-0.057	33.277	-0.044
30.579	-0.012	30.590	-0.036	30.604	-0.036	30.618	-0.031	33.293	-0.035	33.307	-0.026	33.312	-0.031	33.332	-0.050
30.641	-0.013	30.649	-0.009	30.656	0.005	30.674	0.023	33.333	-0.055	33.350	-0.046	33.363	-0.055	33.384	-0.019
30.690	0.032	30.704	0.032	30.710	0.027	30.727	0.041	33.397	0.014	33.405	0.018	33.418	0.018	33.438	-0.006
30.738	0.018	30.750	0.013	30.756	0.017	30.771	0.031	33.456	-0.011	33.474	-0.025	33.486	-0.048	33.506	-0.049
30.787	0.045	30.804	0.049	30.813	0.035	30.826	0.030	33.524	-0.017	33.541	0.015	33.555	0.006	33.567	0.010
30.848	0.011	30.864	0.039	30.880	0.029	30.896	0.043	33.583	-0.013	33.592	-0.032	33.602	-0.042	33.606	-0.023
30.912	0.057	30.926	0.070	30.941	0.038	30.960	0.038	33.614	-0.019	33.622	-0.037	33.634	-0.033	33.645	-0.024
30.978	0.037	30.991	0.033	31.005	0.033	31.019	0.028	33.654	-0.020	33.659	-0.015	33.666	-0.011	33.673	-0.011

33.691	-0.016	33.707	-0.025	33.716	-0.039	33.722	-0.044	36.199	0.009	36.208	-0.010	36.215	-0.028	36.230	-0.028
33.731	-0.030	33.741	-0.021	33.749	-0.017	33.757	-0.017	36.241	-0.028	36.255	-0.009	36.268	-0.004	36.278	-0.001
33.765	-0.003	33.771	0.006	33.778	0.006	33.785	0.005	36.283	0.010	36.295	0.038	36.309	0.043	36.320	0.053
33.794	0.010	33.807	0.005	34.821	-0.014	33.834	-0.023	36.330	0.062	36.340	0.067	36.348	0.067	36.364	0.081
33.843	-0.028	33.854	-0.019	33.865	-0.019	33.875	-0.024	36.384	0.063	36.394	0.040	36.405	0.044	36.422	0.031
33.884	-0.015	33.895	0.004	33.905	-0.001	33.921	-0.025	36.434	0.017	36.439	0.021	36.454	0.045	36.465	0.059
33.936	-0.039	33.950	-0.034	33.965	-0.035	33.973	-0.030	36.477	0.068	36.492	0.068	36.500	0.059	36.514	0.045
33.981	-0.030	33.991	-0.026	34.002	0.007	34.012	0.016	36.524	0.032	36.534	0.027	36.539	0.027	36.551	0.036
34.021	-0.025	34.034	0.029	34.047	0.011	34.065	-0.003	36.559	0.050	36.570	0.060	36.576	0.060	36.585	0.064
34.076	-0.018	34.082	-0.018	34.087	-0.022	34.113	-0.032	36.598	0.051	36.610	0.037	36.617	0.005	36.623	-0.018
34.139	-0.018	34.165	-0.000	34.191	0.013	34.217	0.027	36.629	-0.046	36.637	-0.074	36.644	-0.069	36.651	-0.060
34.243	-0.026	34.269	0.003	34.289	0.003	34.298	0.003	36.666	-0.037	36.677	-0.004	36.682	0.047	36.691	0.070
34.313	-0.012	34.316	-0.012	34.332	-0.007	34.347	-0.016	36.699	0.084	36.708	0.103	36.715	0.117	36.724	0.112
34.363	-0.002	34.371	0.002	34.385	0.007	34.402	-0.002	36.736	0.080	36.743	0.061	36.752	0.034	36.760	0.024
34.417	-0.012	34.439	-0.021	34.448	-0.025	34.459	-0.035	36.774	0.020	36.782	0.015	36.796	0.011	36.809	0.039
34.473	-0.049	34.486	-0.049	34.499	-0.048	34.517	-0.035	36.819	0.062	36.826	0.057	36.839	0.039	36.851	0.025
34.535	-0.025	34.543	-0.011	34.556	-0.021	34.568	-0.025	36.862	0.002	36.873	-0.016	36.884	-0.044	36.895	-0.063
34.584	-0.011	34.595	-0.007	34.605	-0.007	34.614	-0.002	36.899	-0.063	36.909	-0.072	36.918	-0.058	36.925	-0.040
34.629	-0.007	34.642	-0.002	34.651	-0.020	34.664	-0.030	36.932	-0.021	36.944	0.011	36.951	0.039	36.961	0.062
34.672	-0.030	34.688	-0.006	34.701	-0.011	34.705	-0.011	36.968	0.071	36.980	0.048	36.984	0.039	36.992	0.021
34.717	-0.011	34.727	-0.029	34.735	-0.020	34.745	-0.029	36.998	-0.007	37.007	-0.026	37.008	-0.035	37.014	-0.049
34.758	-0.016	34.765	-0.016	34.771	-0.025	34.786	-0.025	37.022	-0.063	37.032	-0.063	37.038	-0.044	37.050	-0.012
34.792	-0.020	34.802	-0.020	34.809	-0.029	34.820	-0.015	37.063	0.007	37.072	-0.025	37.084	0.021	37.093	0.021
34.830	-0.015	34.841	-0.015	34.854	-0.020	34.867	-0.029	37.102	0.021	37.110	0.016	37.121	-0.012	37.135	-0.026
34.880	-0.033	34.894	-0.033	34.900	-0.033	34.907	-0.033	37.146	-0.007	37.153	-0.012	37.166	-0.012	37.175	-0.007
34.918	-0.042	34.925	-0.042	34.930	-0.042	34.946	-0.023	37.182	-0.016	37.195	-0.016	37.201	0.002	37.208	0.011
34.953	-0.018	34.959	-0.018	34.969	-0.018	34.980	-0.013	37.209	0.011	37.222	-0.007	37.228	-0.026	37.237	-0.058
34.991	-0.022	35.005	-0.036	35.016	-0.054	35.030	-0.049	37.244	-0.072	37.254	-0.081	37.257	-0.081	37.261	-0.086
35.042	-0.044	35.053	-0.044	35.068	-0.035	35.085	-0.021	37.272	-0.104	37.278	-0.114	37.289	-0.128	37.299	-0.114
35.096	-0.025	35.106	-0.020	35.118	-0.034	35.130	-0.043	37.314	-0.063	37.324	-0.035	37.333	-0.012	37.343	0.002
35.140	-0.043	35.146	-0.052	35.158	-0.056	35.164	-0.032	37.352	0.025	37.359	0.025	37.372	-0.002	37.376	-0.012
35.172	-0.061	35.177	-0.065	35.189	-0.074	35.194	-0.074	37.389	-0.039	37.399	-0.062	37.402	-0.067	37.414	-0.053
35.203	-0.060	35.213	-0.065	35.225	-0.069	35.226	-0.060	37.434	-0.016	37.439	-0.016	37.452	0.017	37.463	0.049
35.234	-0.055	35.246	-0.055	35.262	-0.041	35.269	-0.059	37.471	0.045	37.481	0.035	37.490	0.003	37.499	-0.011
35.279	-0.068	35.289	-0.077	35.298	-0.082	35.308	-0.082	37.514	-0.034	37.521	-0.038	37.532	-0.048	37.549	-0.052
35.318	-0.086	35.327	-0.077	35.336	-0.081	35.342	-0.081	37.562	-0.033	37.571	-0.010	37.581	0.004	37.596	-0.005
35.351	-0.072	35.365	-0.072	35.371	-0.062	35.383	-0.048	37.613	-0.042	37.629	-0.033	37.642	-0.042	37.658	-0.033
35.391	-0.062	35.401	-0.062	35.411	-0.052	35.415	-0.038	37.666	-0.042	37.680	-0.051	37.693	-0.046	37.710	-0.056
35.425	-0.038	35.438	-0.047	35.445	-0.042	35.453	-0.051	37.719	-0.069	37.730	-0.069	37.747	-0.028	37.755	0.005
35.458	-0.056	35.461	-0.056	35.469	-0.056	35.477	-0.056	37.765	0.014	37.773	0.014	37.784	0.014	37.799	0.024
35.484	-0.051	35.494	-0.046	35.500	-0.069	35.507	-0.050	37.810	-0.004	37.823	-0.018	37.829	-0.046	37.840	-0.045
35.515	-0.055	35.528	-0.055	35.543	-0.059	35.555	-0.054	37.851	-0.017	37.869	-0.024	37.881	-0.029	37.885	0.034
35.572	-0.045	35.585	-0.049	35.601	-0.044	35.612	-0.044	37.889	0.043	37.901	0.011	37.913	-0.007	37.919	-0.030
35.618	-0.058	35.632	-0.062	35.639	-0.062	35.653	-0.052	37.929	-0.049	37.943	-0.072	37.948	-0.072	37.963	-0.062
35.669	-0.052	35.679	-0.043	35.688	-0.019	35.700	-0.019	37.976	-0.025	38.022	0.040	38.030	0.036	38.036	0.018
35.713	-0.000	35.726	-0.014	35.732	-0.014	35.742	-0.018	38.010	0.054	38.022	0.040	38.036	0.036	38.041	0.049
35.755	-0.037	35.761	-0.041	35.775	-0.069	35.791	-0.064	38.049	-0.019	38.056	-0.042	38.065	-0.065	38.071	-0.079
35.806	-0.049	35.819	-0.035	35.829	-0.035	35.842	-0.026	38.079	-0.084	38.094	-0.051	38.099	-0.028	38.107	-0.019
35.850	-0.012	35.862	-0.025	35.876	-0.034	35.884	-0.030	38.119	0.019	38.123	0.019	38.135	0.033	38.150	0.024
35.893	-0.029	35.901	-0.015	35.912	-0.010	35.924	-0.010	38.165	-0.008	38.174	-0.018	38.184	-0.031	38.196	-0.054
35.936	-0.010	35.943	-0.001	35.952	0.018	35.957	0.023	38.204	-0.045	38.217	-0.017	38.233	0.016	38.242	0.030
35.974	0.009	35.992	-0.004	36.007	-0.009	36.015	-0.009	38.255	0.039	38.268	0.035	38.282	0.016	38.291	-0.002
36.026	-0.022	36.032	-0.027	36.042	-0.013	36.051	0.001	38.297	-0.007	38.306	-0.039	38.317	-0.043	38.322	-0.043
36.064	0.002	36.075	0.016	36.084	0.048	36.095	0.035	38.330	-0.039	38.342	-0.034	38.354	0.003	38.365	0.027
36.101	0.025	36.111	0.026	36.123	0.012	36.135	0.008	38.380	0.041	38.391	0.046	38.406	0.032	38.414	0.014
36.147	0.008	36.160	0.013	36.174	0.013	36.187	0.008	38.423	0.005	38.442	-0.028	38.449	-0.032	38.456	-0.032

38.471	-0.009	38.484	0.015	38.495	0.020	38.506	0.024	41.021	0.011	41.035	0.016	41.048	0.020	41.058	0.024
38.513	0.020	38.523	0.020	38.535	0.002	38.541	-0.012	41.067	0.015	41.073	0.014	41.081	-0.008	41.100	-0.018
38.556	-0.003	38.567	-0.007	38.578	-0.002	38.590	0.021	41.115	-0.009	41.120	-0.010	41.130	-0.018	41.140	-0.023
38.608	0.017	38.617	0.022	38.632	0.045	38.642	0.040	41.157	-0.000	41.164	0.018	41.175	0.018	41.183	0.018
38.653	0.027	38.665	0.008	38.678	0.018	38.692	0.041	41.202	0.013	41.212	-0.005	41.227	-0.020	41.238	-0.024
38.701	0.037	38.714	0.032	38.725	0.033	38.739	0.051	41.249	-0.025	41.256	-0.025	41.275	-0.002	41.291	0.012
38.743	0.065	38.756	0.093	38.767	0.098	38.779	0.094	41.310	0.016	41.320	0.007	41.346	-0.017	41.361	-0.012
38.795	0.066	38.808	0.071	38.818	0.043	38.828	0.044	41.368	-0.017	41.375	-0.026	41.388	-0.017	41.401	-0.017
38.838	0.021	38.852	0.021	38.868	0.030	38.883	0.049	41.412	-0.004	41.420	0.010	41.434	0.005	41.438	-0.004
38.899	0.030	38.915	0.026	38.929	0.021	38.938	-0.002	41.452	-0.032	41.459	-0.032	41.477	-0.009	41.484	-0.005
38.948	-0.020	38.959	-0.015	38.975	0.008	38.987	-0.010	41.489	-0.000	41.501	0.009	41.511	0.023	41.523	0.036
38.994	-0.010	39.002	0.004	39.010	0.031	39.023	0.041	41.541	0.055	41.555	0.055	41.562	0.036	41.579	-0.006
39.033	0.036	39.053	0.032	39.064	0.023	39.065	0.018	41.592	-0.001	41.608	0.017	41.615	-0.006	41.635	-0.011
39.076	-0.000	39.091	-0.005	39.099	0.004	39.114	0.014	41.647	0.012	41.662	0.007	41.674	0.007	41.689	-0.017
39.128	0.014	39.140	0.042	39.154	0.065	39.162	0.061	41.700	0.002	41.711	0.001	41.723	0.015	41.733	0.015
39.177	0.042	39.186	0.024	39.198	0.001	39.202	-0.004	41.746	0.006	41.762	0.015	41.781	0.001	41.802	-0.004
39.214	-0.018	39.231	-0.031	39.245	-0.022	39.258	-0.001	41.806	-0.004	41.827	0.028	41.842	0.032	41.854	0.014
39.271	0.020	39.277	0.020	39.300	-0.008	39.301	-0.008	41.867	-0.013	41.881	0.018	41.898	0.013	41.910	-0.010
39.312	-0.012	39.324	-0.031	39.336	-0.030	39.349	-0.012	41.925	0.009	41.937	0.018	41.952	0.027	41.960	0.013
39.365	0.007	39.374	0.002	39.387	0.007	39.395	0.020	41.971	-0.006	41.987	-0.015	41.999	-0.020	42.008	-0.024
39.407	0.034	39.416	0.020	39.423	0.002	39.434	-0.026	42.023	-0.047	42.045	-0.038	42.062	-0.024	42.080	0.003
39.438	-0.040	39.448	-0.040	39.466	-0.017	39.479	0.016	42.098	-0.011	42.109	-0.011	42.120	-0.015	42.127	-0.029
39.493	0.043	39.501	0.057	39.512	0.057	39.524	0.043	42.148	-0.025	42.164	-0.006	42.175	-0.002	42.188	-0.007
39.534	0.020	39.543	0.011	39.554	0.066	39.571	-0.012	42.198	0.003	42.209	-0.002	42.221	-0.011	42.235	-0.025
39.584	-0.008	39.600	0.006	39.611	0.034	39.621	0.043	42.249	-0.021	42.266	-0.016	42.276	-0.002	42.278	-0.002
39.638	0.038	39.648	0.024	39.656	0.011	39.668	0.011	42.298	0.007	42.311	0.016	42.328	0.016	42.332	0.002
39.677	0.015	39.699	0.029	39.711	0.052	39.723	0.066	42.348	-0.012	42.362	-0.017	42.381	-0.021	42.399	-0.008
39.733	0.103	39.743	0.108	39.753	0.103	39.761	0.094	42.412	0.006	42.425	0.015	42.432	0.011	42.446	-0.017
39.772	0.070	39.785	0.047	39.799	0.033	39.814	0.024	42.459	-0.026	42.466	-0.045	42.479	-0.063	42.490	-0.068
39.822	0.024	39.833	0.019	39.842	0.024	39.853	0.038	42.507	-0.050	42.520	-0.050	42.535	-0.013	42.544	-0.006
39.869	0.043	39.883	0.024	39.889	0.024	39.902	0.010	42.556	0.006	42.571	0.010	42.585	-0.013	42.597	-0.032
39.918	0.001	39.929	-0.018	39.941	-0.022	39.947	-0.018	42.619	-0.041	42.634	-0.032	42.655	-0.009	42.663	-0.009
39.959	-0.004	39.972	0.015	39.984	0.029	39.986	0.029	42.679	0.000	42.693	-0.014	42.718	-0.032	42.723	-0.032
40.007	0.038	40.011	0.033	40.019	0.029	40.030	0.038	42.744	-0.018	42.753	-0.005	42.766	0.005	42.777	0.005
40.042	0.029	40.053	0.019	40.061	-0.004	40.069	-0.013	42.785	-0.000	42.788	-0.019	42.817	-0.033	42.827	-0.037
40.084	-0.027	40.094	-0.022	40.106	-0.013	40.124	0.001	42.837	-0.037	42.852	-0.033	42.865	-0.028	42.870	-0.019
40.131	-0.013	40.150	-0.013	40.163	-0.022	40.164	-0.022	42.884	-0.010	42.894	0.004	42.906	-0.006	42.916	-0.020
40.182	-0.036	40.191	-0.050	40.201	-0.055	40.214	-0.045	42.924	-0.029	42.940	-0.038	42.949	-0.034	42.957	-0.025
40.225	-0.041	40.234	-0.041	40.242	-0.041	40.251	-0.018	42.964	-0.016	42.975	-0.006	42.991	0.007	43.003	0.002
40.258	-0.004	40.267	0.005	40.280	0.010	40.288	0.001	43.020	0.007	43.036	0.007	43.053	-0.007	43.061	-0.012
40.296	-0.008	40.305	-0.027	40.313	-0.041	40.330	-0.050	43.079	-0.008	43.097	0.011	43.110	0.024	43.123	0.033
40.337	-0.050	40.350	-0.036	40.361	-0.036	40.370	-0.032	43.134	0.033	43.148	0.024	43.153	0.024	43.174	0.014
40.382	-0.013	40.396	0.033	40.406	0.047	40.416	0.033	43.196	0.000	43.217	-0.000	43.239	0.009	43.260	0.013
40.429	0.015	40.440	-0.004	40.452	-0.013	40.460	-0.023	43.281	0.022	43.301	0.031	43.321	0.040	43.331	0.040
40.462	-0.036	40.477	-0.041	40.494	-0.037	40.504	-0.013	43.352	0.031	43.366	0.026	43.376	0.007	43.386	-0.006
40.519	0.019	40.533	0.010	40.543	0.028	40.555	0.033	43.394	-0.002	43.411	0.026	43.421	0.026	43.435	0.030
40.557	0.028	40.572	-0.009	40.582	-0.014	40.584	-0.018	43.446	0.025	43.455	0.025	43.472	0.007	43.485	0.002
40.596	-0.014	40.607	-0.009	40.620	-0.018	40.631	-0.023	43.498	-0.017	43.512	-0.031	43.525	-0.017	43.538	-0.003
40.645	0.000	40.661	0.019	40.671	0.019	40.680	0.000	43.550	-0.008	43.564	0.010	43.579	0.015	43.592	0.005
40.687	0.000	40.704	0.009	40.719	0.018	40.726	0.009	43.610	0.005	43.625	0.010	43.633	0.019	43.641	0.019
40.740	-0.005	40.754	-0.000	40.761	0.005	40.770	0.014	43.657	-0.009	43.670	0.009	43.687	-0.000	43.695	-0.009
40.782	0.028	40.795	0.051	40.804	0.060	40.819	0.069	43.715	0.004	43.732	0.018	43.751	0.013	43.767	-0.005
40.842	0.041	40.852	0.041	40.858	0.046	40.872	0.050	43.784	0.008	43.799	0.008	43.812	0.017	43.830	0.013
40.882	0.032	40.886	0.031	40.902	0.054	40.917	0.045	43.840	0.003	43.858	0.008	43.867	0.022	43.877	0.031
40.927	0.031	40.933	0.049	40.947	0.031	40.960	0.035	43.885	0.008	43.903	0.021	43.915	-0.006	43.926	0.012
40.974	0.035	40.978	0.035	40.992	0.002	41.000	0.002	43.933	-0.012	43.951	-0.001	43.961	-0.021	43.967	-0.021

43.985	-0.002	44.001	0.012	44.014	-0.002	44.025	-0.002
44.038	0.012	44.043	0.016	44.065	0.007	44.075	-0.007
44.084	-0.007	44.098	-0.007	44.105	-0.007	44.124	0.006
44.138	0.011	44.146	-0.003	44.162	-0.003	44.176	0.002
44.189	0.006	44.194	-0.003	44.213	-0.017	44.221	-0.045
44.237	-0.040	44.255	-0.013	44.268	-0.008	44.286	-0.008
44.295	-0.017	44.310	-0.027	44.327	-0.008	44.344	-0.022
44.356	-0.036	44.376	-0.022	44.392	0.010	44.405	-0.009
44.424	0.010	44.436	0.024	44.452	0.001	44.462	-0.018
44.477	-0.023	44.496	-0.027	44.512	-0.013	44.529	0.005
44.544	-0.004	44.559	-0.004	44.579	-0.023	44.591	-0.037
44.600	-0.041	44.616	-0.041	44.640	-0.009	44.652	-0.014
44.672	-0.018	44.682	-0.009	44.701	-0.018	44.717	-0.042
44.730	-0.056	44.746	-0.074	44.768	-0.065	44.780	-0.042
44.793	-0.019	44.812	-0.014	44.827	-0.014	44.835	-0.023
44.850	-0.028	44.867	-0.042	44.882	-0.028	44.902	-0.014
44.918	0.004	44.936	-0.010	44.954	-0.014	44.967	-0.028
44.981	-0.047	44.994	-0.056	45.007	-0.047	45.026	-0.010
45.049	-0.024	45.061	-0.033	45.081	-0.010	45.096	-0.001
45.110	-0.015	45.123	-0.006	45.133	-0.020	45.142	-0.043
45.156	-0.015	45.175	-0.015	45.191	-0.015	45.205	-0.020
45.212	-0.020	45.215	-0.015	45.221	-0.010	45.230	-0.010
45.236	-0.010	45.242	-0.010	45.248	-0.010		

IN189

71.085 2/9/71 0600PST L.A. 1880 CENTURY PARK EAST 7TH FL N54E

3090 PCINTS 55.684 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED  
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,  
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,  
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2169 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.048	0.016	-0.048	0.033	-0.035	0.044	-0.031	2.461	0.010	2.457	-0.019	2.516	-0.031	2.536	-0.043		
0.060	-0.039	0.079	-0.043	0.094	-0.043	0.108	-0.043	2.548	-0.052	2.561	-0.080	2.570	-0.113	2.585	-0.122		
0.118	-0.035	0.130	-0.035	0.143	-0.021	0.162	-0.039	2.600	-0.065	2.613	-0.056	2.626	-0.032	2.637	-0.019		
0.177	-0.043	0.193	-0.051	0.205	-0.072	0.206	-0.072	2.649	0.001	2.665	-0.016	2.683	-0.040	2.701	-0.061		
0.218	-0.068	0.233	-0.068	0.248	-0.072	0.265	-0.068	2.726	-0.073	2.751	-0.078	2.773	-0.065	2.793	-0.053		
0.282	-0.063	0.297	-0.055	0.311	-0.055	0.327	-0.051	2.812	-0.029	2.828	-0.025	2.846	-0.025	2.864	-0.033		
0.346	-0.043	0.363	-0.039	0.380	-0.031	0.395	-0.030	2.880	-0.046	2.899	-0.062	2.915	-0.074	2.939	-0.074		
0.409	-0.039	0.423	-0.051	0.445	-0.043	0.468	-0.047	2.955	-0.074	2.973	-0.038	2.985	-0.001	3.002	0.007		
0.489	-0.047	0.502	-0.047	0.521	-0.055	0.540	-0.063	3.012	0.003	3.034	-0.021	3.053	-0.038	3.069	-0.039		
0.562	-0.067	0.585	-0.071	0.606	-0.075	0.618	-0.075	3.088	-0.069	3.102	0.003	3.117	-0.013	3.143	-0.054		
0.635	-0.071	0.653	-0.050	0.668	-0.042	0.692	-0.042	3.159	-0.074	3.177	-0.062	3.197	-0.054	3.216	-0.054		
0.710	-0.026	0.726	-0.018	0.745	-0.005	0.759	-0.001	3.230	-0.074	3.251	-0.074	3.270	-0.038	3.287	0.003		
0.769	0.003	0.780	-0.009	0.799	-0.034	0.812	-0.054	3.306	0.012	3.315	0.016	3.338	0.003	3.358	-0.038		
0.825	-0.075	0.844	-0.087	0.860	-0.075	0.881	-0.087	3.375	-0.066	3.389	-0.070	3.406	-0.054	3.426	-0.005		
0.903	-0.087	0.922	-0.099	0.942	-0.103	0.960	-0.091	3.440	0.007	3.455	-0.021	3.482	-0.042	3.502	-0.066		
0.974	-0.074	0.993	-0.062	1.010	-0.042	1.027	-0.017	3.523	-0.091	3.540	-0.112	3.560	-0.120	3.579	-0.120		
1.043	0.004	1.059	0.004	1.071	-0.005	1.088	-0.050	3.558	-0.103	3.570	-0.083	3.641	-0.063	3.662	-0.038		
1.102	-0.082	1.117	-0.099	1.137	-0.103	1.155	-0.094	3.676	-0.014	3.690	-0.026	3.709	-0.042	3.726	-0.067		
1.170	-0.082	1.186	-0.058	1.198	-0.053	1.218	-0.053	3.752	-0.079	3.775	-0.096	3.800	-0.050	3.817	-0.092		
1.238	-0.049	1.252	-0.049	1.271	-0.057	1.291	-0.057	3.833	-0.096	3.843	-0.056	3.855	-0.112	3.879	-0.079		
1.313	-0.053	1.330	-0.045	1.345	-0.037	1.363	-0.037	3.904	-0.055	3.904	-0.030	3.916	-0.010	3.930	-0.022		
1.376	-0.045	1.393	-0.028	1.412	-0.012	1.423	-0.008	3.947	-0.039	3.964	-0.072	3.975	-0.084	3.986	-0.057		
1.437	-0.008	1.454	-0.028	1.465	-0.082	1.483	-0.102	4.005	-0.080	4.022	-0.046	4.038	-0.015	4.052	0.022		
1.503	-0.102	1.522	-0.094	1.536	-0.073	1.554	-0.041	4.067	0.040	4.083	0.054	4.101	0.050	4.120	0.050		
1.569	-0.024	1.587	-0.028	1.607	-0.041	1.621	-0.053	4.143	0.021	4.162	-0.012	4.181	-0.033	4.201	-0.033		
1.639	-0.065	1.657	-0.057	1.675	-0.028	1.689	0.000	4.216	-0.029	4.236	-0.058	4.253	-0.091	4.267	-0.091		
1.700	0.021	1.705	0.029	1.725	0.008	1.738	-0.045	4.290	-0.074	4.312	-0.062	4.327	-0.058	4.346	-0.133		
1.752	-0.082	1.767	-0.106	1.777	-0.110	1.793	-0.094	4.366	-0.124	4.386	-0.133	4.412	-0.133	4.436	-0.133		
1.809	-0.073	1.825	-0.045	1.844	-0.020	1.860	0.000	4.448	-0.129	4.462	-0.129	4.474	-0.117	4.490	-0.052		
1.877	0.021	1.892	0.033	1.905	0.021	1.921	-0.045	4.508	-0.072	4.530	-0.080	4.551	-0.113	4.571	-0.137		
1.931	-0.050	1.941	-0.131	1.954	-0.139	1.965	-0.127	4.582	-0.145	4.618	-0.125	4.635	-0.096	4.662	-0.068		
1.978	-0.090	1.991	-0.053	2.005	-0.016	2.019	0.012	4.686	-0.043	4.701	-0.006	4.718	0.014	4.733	0.043		
2.035	0.024	2.053	0.008	2.067	-0.033	2.083	-0.062	4.750	0.030	4.768	-0.011	4.786	-0.043	4.807	-0.044		
2.096	-0.078	2.110	-0.091	2.124	-0.091	2.138	-0.066	4.826	-0.044	4.844	0.006	4.860	0.022	4.875	0.055		
2.153	-0.046	2.166	-0.025	2.179	-0.021	2.194	-0.025	4.892	0.051	4.916	0.026	4.941	-0.003	4.963	-0.027		
2.210	-0.046	2.223	-0.079	2.236	-0.091	2.245	-0.059	4.944	-0.003	4.956	0.002	5.009	0.047	5.021	0.059		
2.258	-0.071	2.273	-0.042	2.286	-0.013	2.295	0.015	5.039	0.039	5.053	0.002	5.065	-0.064	5.084	-0.113		
2.312	0.031	2.325	0.031	2.336	0.023	2.350	-0.010	5.103	-0.141	5.123	-0.141	5.141	-0.125	5.159	-0.112		
2.362	-0.042	2.375	-0.059	2.391	-0.063	2.411	-0.034	5.178	-0.056	5.198	-0.056	5.220	-0.104	5.240	-0.104		
2.424	-0.010	2.435	0.015	2.451	0.035	2.466	0.035	5.256	-0.128	5.271	-0.149	5.283	-0.157	5.305	-0.168		

5.320	-0.058	5.333	-0.034	5.346	-0.022	5.359	-0.034	8.180	-0.266	8.157	-0.332	8.216	-0.352	8.236	-0.360
5.375	-0.062	5.390	-0.099	5.403	-0.115	5.418	-0.128	8.247	-0.360	8.273	-0.361	8.284	-0.361	8.284	-0.360
5.436	-0.107	5.450	-0.091	5.466	-0.099	5.478	-0.099	8.294	-0.303	8.303	-0.261	8.312	-0.213	8.319	-0.172
5.500	-0.054	5.521	0.007	5.538	0.053	5.551	0.077	8.330	-0.082	8.337	0.020	8.346	0.163	8.356	0.331
5.561	0.089	5.576	0.065	5.595	0.097	5.608	-0.033	8.363	0.454	8.373	0.656	8.383	0.601	8.434	0.454
5.627	-0.066	5.646	-0.054	5.672	-0.033	5.689	-0.033	8.358	0.757	8.409	0.656	8.420	0.601	8.434	0.454
5.707	-0.033	5.724	-0.042	5.740	-0.033	5.759	-0.021	8.442	0.298	8.452	0.159	8.467	0.003	8.476	-0.039
5.776	0.016	5.797	0.065	5.813	0.089	5.828	0.102	8.488	-0.301	8.497	-0.235	8.515	-0.251	8.537	-0.288
5.845	0.058	5.861	0.061	5.877	0.012	5.890	-0.042	8.552	-0.313	8.568	-0.313	8.583	-0.313	8.611	-0.285
5.903	-0.054	5.921	-0.054	5.934	-0.046	5.950	-0.030	8.631	-0.227	8.648	-0.178	8.665	-0.133	8.684	-0.101
5.970	-0.042	5.987	-0.055	6.013	-0.124	6.030	-0.161	8.656	-0.093	8.713	-0.105	8.728	-0.076	8.740	0.018
6.056	-0.182	6.071	-0.194	6.092	-0.162	6.117	-0.121	8.754	0.153	8.776	0.247	8.786	0.304	8.786	0.321
6.138	-0.076	6.155	-0.047	6.167	-0.035	6.182	-0.006	8.800	0.275	8.812	0.173	8.821	0.075	8.832	-0.061
6.191	0.014	6.200	0.026	6.216	0.022	6.231	0.010	8.846	-0.268	8.858	-0.327	8.866	-0.413	8.880	-0.413
6.246	-0.015	6.264	-0.027	6.278	-0.036	6.289	-0.040	8.856	-0.413	8.857	-0.368	8.866	-0.331	8.867	-0.274
6.300	-0.060	6.316	-0.093	6.335	-0.114	6.351	-0.122	8.942	-0.246	8.951	-0.221	8.959	-0.193	8.967	-0.189
6.361	-0.151	6.373	-0.192	6.383	-0.229	6.396	-0.241	8.975	-0.205	8.985	-0.246	8.996	-0.271	9.007	-0.258
6.407	-0.241	6.418	-0.213	6.434	-0.139	6.447	-0.093	9.021	-0.201	9.030	-0.144	9.042	-0.071	9.047	-0.038
6.461	0.008	6.474	0.053	6.486	0.102	6.498	0.143	9.055	0.106	9.065	0.216	9.073	0.286	9.075	0.335
6.514	0.143	6.533	0.142	6.554	0.142	6.567	0.175	9.085	0.312	9.092	0.384	9.101	0.367	9.113	0.377
6.578	0.155	6.596	0.142	6.611	0.035	6.632	-0.059	9.122	0.187	9.134	0.105	9.145	-0.002	9.154	-0.092
6.651	-0.145	6.664	-0.166	6.673	-0.170	6.688	-0.162	9.168	-0.227	9.176	-0.301	9.189	-0.366	9.200	-0.383
6.705	-0.146	6.718	-0.113	6.738	-0.052	6.750	-0.011	9.214	-0.318	9.227	-0.248	9.239	-0.158	9.251	-0.101
6.763	0.013	6.779	0.033	6.794	0.033	6.807	0.033	9.263	-0.027	9.273	0.067	9.285	0.165	9.295	0.218
6.821	0.054	6.835	0.070	6.848	0.070	6.865	0.071	9.303	0.259	9.314	0.255	9.324	0.247	9.337	0.185
6.871	-0.017	6.887	-0.091	6.903	-0.173	6.919	-0.271	9.349	0.120	9.356	0.059	9.365	0.091	9.381	0.136
6.936	-0.374	6.948	-0.452	6.960	-0.513	6.973	-0.538	9.356	0.181	9.407	0.222	9.414	0.254	9.426	0.262
6.986	-0.514	7.002	-0.444	7.007	-0.354	7.022	-0.215	9.440	0.279	9.453	0.315	9.464	0.348	9.480	0.348
7.032	-0.072	7.042	0.031	7.052	0.198	7.061	0.350	9.458	0.315	9.514	0.278	9.536	0.224	9.552	0.138
7.073	0.460	7.082	0.571	7.095	0.693	7.103	0.751	9.563	0.089	9.575	0.003	9.583	-0.100	9.592	-0.194
7.113	0.783	7.126	0.795	7.141	0.799	7.152	0.751	9.599	-0.313	9.612	-0.485	9.623	-0.641	9.633	-0.764
7.165	0.619	7.180	0.357	7.189	0.139	7.201	-0.111	9.640	-0.813	9.647	-0.838	9.655	-0.809	9.671	-0.715
7.210	-0.332	7.218	-0.529	7.230	-0.701	7.240	-0.824	9.681	-0.527	9.691	-0.379	9.701	-0.236	9.713	-0.122
7.250	-0.877	7.265	-0.910	7.278	-0.927	7.289	-0.857	9.724	-0.052	9.737	-0.015	9.747	0.005	9.763	0.009
7.299	-0.171	7.307	-0.599	7.320	-0.358	7.328	-0.194	9.773	0.013	9.784	0.070	9.784	0.103	9.803	0.132
7.336	-0.063	7.347	0.039	7.355	0.117	7.364	0.145	9.820	0.107	9.832	0.021	9.847	-0.176	9.854	-0.307
7.376	0.166	7.383	0.211	7.393	0.309	7.406	0.468	9.865	-0.483	9.882	-0.872	9.895	-0.766	9.913	-0.677
7.414	0.583	7.429	0.706	7.429	0.706	7.438	0.870	9.923	-0.918	9.935	-0.929	9.945	-0.910	9.955	-0.877
7.445	0.894	7.452	0.861	7.460	0.804	7.466	0.701	9.964	-0.747	9.972	-0.632	9.984	-0.530	9.993	-0.448
7.476	0.525	7.483	0.427	7.493	0.271	7.504	0.111	10.008	-0.355	10.022	-0.350	10.032	-0.301	10.041	-0.228
7.511	-0.016	7.520	-0.098	7.528	-0.208	7.538	-0.323	10.050	-0.138	10.059	-0.048	10.065	-0.026	10.071	-0.099
7.550	-0.389	7.564	-0.430	7.576	-0.451	7.592	-0.467	10.078	0.157	10.084	0.145	10.094	0.148	10.105	0.066
7.609	-0.459	7.628	-0.422	7.637	-0.353	7.650	-0.259	10.117	-0.040	10.131	-0.143	10.144	-0.168	10.158	-0.221
7.659	-0.140	7.669	-0.029	7.677	0.073	7.684	0.200	10.173	-0.205	10.192	-0.152	10.210	-0.103	10.223	-0.038
7.695	0.235	7.702	0.429	7.709	0.499	7.718	0.560	10.236	-0.001	10.248	0.007	10.259	0.031	10.265	0.011
7.725	0.557	7.740	0.553	7.749	0.552	7.756	0.486	10.283	0.043	10.299	-0.068	10.323	-0.138	10.346	-0.191
7.763	0.592	7.777	0.334	7.791	0.257	7.799	0.252	10.359	-0.232	10.374	-0.245	10.390	-0.216	10.401	-0.147
7.815	0.236	7.831	0.244	7.843	0.186	7.852	0.186	10.411	-0.057	10.420	0.041	10.430	0.185	10.438	0.303
7.861	0.108	7.876	-0.068	7.886	-0.261	7.895	-0.375	10.446	0.352	10.452	0.442	10.464	0.520	10.474	0.548
7.907	-0.449	7.914	-0.482	7.924	-0.494	7.941	-0.400	10.482	0.552	10.492	0.558	10.500	0.482	10.508	0.413
7.950	-0.367	7.960	-0.281	7.971	-0.167	7.979	-0.036	10.519	0.220	10.532	-0.071	10.546	-0.334	10.558	-0.514
7.991	0.062	7.997	0.161	8.001	0.234	8.010	0.374	10.567	-0.621	10.578	-0.666	10.585	-0.641	10.596	-0.584
8.019	0.460	8.028	0.554	8.035	0.611	8.042	0.636	10.604	-0.462	10.612	-0.347	10.618	-0.179	10.625	-0.081
8.051	0.536	8.060	0.652	8.069	0.664	8.082	0.636	10.632	0.334	10.640	0.128	10.649	0.364	10.656	0.316
8.094	0.549	8.101	0.435	8.113	0.291	8.121	0.160	10.668	0.344	10.681	0.352	10.694	0.364	10.703	0.352
8.129	0.054	8.141	-0.065	8.153	-0.127	8.166	-0.196	10.714	0.270	10.722	0.163	10.734	-0.005	10.740	-0.136



10.747	-0.255	10.757	-0.407	10.764	-0.501	10.773	-0.587	13.658	-0.048	13.674	-0.114	13.685	-0.155	13.694	-0.167
10.779	-0.620	10.788	-0.637	10.805	-0.620	10.823	-0.588	13.714	-0.147	13.733	-0.089	13.753	-0.032	13.775	0.037
10.830	-0.564	10.838	-0.523	10.847	-0.482	10.853	-0.457	13.790	0.082	13.800	0.059	13.817	0.070	13.835	0.021
10.861	-0.404	10.867	-0.351	10.876	-0.306	10.884	-0.269	13.852	-0.053	13.868	-0.057	13.882	-0.058	13.895	-0.114
10.892	-0.253	10.898	-0.262	10.906	-0.315	10.914	-0.381	13.918	-0.106	13.944	-0.082	13.967	-0.057	13.989	-0.037
10.923	-0.434	10.931	-0.479	10.939	-0.516	10.946	-0.545	13.957	-0.020	14.005	-0.008	14.018	0.021	14.037	0.008
10.952	-0.537	10.962	-0.524	10.975	-0.480	10.984	-0.451	14.053	-0.012	14.065	-0.025	14.077	-0.025	14.085	-0.029
10.995	-0.447	11.003	-0.447	11.014	-0.386	11.029	-0.324	14.110	0.020	14.126	0.037	14.139	0.037	14.155	0.008
11.041	-0.267	11.049	-0.218	11.061	-0.161	11.072	-0.136	14.172	-0.058	14.184	-0.160	14.198	-0.250	14.217	-0.312
11.082	-0.124	11.093	-0.100	11.102	-0.079	11.112	-0.075	14.233	-0.353	14.253	-0.373	14.272	-0.373	14.291	-0.342
11.125	-0.076	11.135	-0.072	11.146	-0.072	11.157	-0.080	14.308	-0.349	14.322	-0.250	14.341	-0.255	14.359	-0.279
11.170	-0.109	11.184	-0.150	11.197	-0.170	11.209	-0.187	14.383	-0.349	14.354	-0.418	14.408	-0.476	14.425	-0.533
11.219	-0.195	11.236	-0.241	11.250	-0.298	11.262	-0.327	14.440	-0.541	14.456	-0.521	14.472	-0.497	14.489	-0.476
11.271	-0.351	11.280	-0.364	11.302	-0.327	11.315	-0.274	14.508	-0.419	14.529	-0.354	14.546	-0.366	14.567	-0.345
11.328	-0.241	11.340	-0.188	11.356	-0.156	11.365	-0.111	14.589	-0.280	14.609	-0.235	14.623	-0.198	14.640	-0.166
11.374	-0.082	11.386	-0.025	11.399	-0.020	11.406	0.036	14.655	-0.170	14.665	-0.178	14.690	-0.203	14.706	-0.227
11.424	0.040	11.445	0.036	11.456	0.032	11.470	0.040	14.718	-0.235	14.730	-0.159	14.741	-0.174	14.756	-0.174
11.483	0.089	11.495	0.143	11.504	0.188	11.512	0.208	14.777	-0.162	14.786	-0.150	14.806	-0.154	14.823	-0.138
11.518	0.212	11.526	0.200	11.538	0.134	11.551	0.020	14.842	-0.129	14.860	-0.138	14.878	-0.179	14.897	-0.236
11.564	-0.128	11.577	-0.316	11.593	-0.435	11.603	-0.492	14.917	-0.314	14.933	-0.376	14.948	-0.413	14.960	-0.434
11.621	-0.533	11.639	-0.541	11.657	-0.550	11.672	-0.570	14.976	-0.470	15.005	-0.466	15.024	-0.466	15.043	-0.466
11.665	-0.578	11.702	-0.550	11.716	-0.468	11.733	-0.308	15.060	-0.466	15.071	-0.466	15.087	-0.446	15.102	-0.434
11.800	0.016	11.816	0.065	11.826	0.081	11.842	0.114	15.126	-0.430	15.142	-0.426	15.156	-0.413	15.180	-0.331
11.855	0.106	11.872	0.102	11.889	0.114	11.903	0.147	15.204	-0.233	15.223	-0.172	15.241	-0.139	15.252	-0.131
11.915	0.147	11.928	0.126	11.943	0.044	11.956	-0.013	15.272	-0.148	15.294	-0.157	15.310	-0.258	15.334	-0.390
11.967	-0.074	11.979	-0.091	11.993	-0.107	12.006	-0.226	15.353	-0.480	15.370	-0.533	15.383	-0.558	15.404	-0.521
12.024	-0.373	12.040	-0.476	12.059	-0.541	12.080	-0.570	15.421	-0.459	15.438	-0.382	15.456	-0.316	15.472	-0.280
12.095	-0.586	12.107	-0.553	12.124	-0.410	12.138	-0.283	15.491	-0.255	15.509	-0.268	15.536	-0.284	15.553	-0.305
12.153	-0.094	12.165	0.008	12.174	0.074	12.187	0.123	15.573	-0.305	15.593	-0.284	15.622	-0.268	15.646	-0.260
12.203	0.209	12.213	0.307	12.231	0.455	12.245	0.614	15.662	-0.236	15.687	-0.146	15.706	-0.060	15.725	-0.015
12.259	0.766	12.270	0.860	12.280	0.942	12.287	0.971	15.739	0.014	15.755	0.005	15.776	-0.003	15.800	-0.007
12.343	0.262	12.352	0.189	12.362	0.058	12.374	-0.033	15.824	0.021	15.852	0.046	15.869	0.066	15.886	0.099
12.386	-0.069	12.399	-0.168	12.408	-0.270	12.416	-0.336	15.902	0.103	15.924	0.050	15.953	0.070	15.975	0.093
12.428	-0.360	12.443	-0.303	12.463	-0.090	12.480	0.025	16.012	0.065	16.032	0.061	16.035	0.086	16.052	0.094
12.492	0.144	12.501	0.197	12.514	0.221	12.529	0.254	16.072	0.065	16.087	0.061	16.101	0.044	16.113	0.024
12.542	0.255	12.556	0.332	12.569	0.315	12.584	0.242	16.134	-0.011	16.156	-0.009	16.183	-0.014	16.206	-0.014
12.603	0.176	12.618	0.156	12.634	0.154	12.653	0.192	16.225	-0.014	16.248	-0.014	16.272	-0.007	16.295	-0.149
12.676	0.200	12.685	0.200	12.699	0.196	12.713	0.286	16.323	-0.256	16.338	-0.257	16.358	-0.310	16.387	-0.300
12.723	0.340	12.736	0.352	12.752	0.352	12.761	0.340	16.407	-0.298	16.429	-0.273	16.454	-0.228	16.466	-0.171
12.773	0.241	12.785	0.147	12.797	0.069	12.806	-0.005	16.475	-0.134	16.504	-0.146	16.527	-0.163	16.542	-0.187
12.821	-0.041	12.832	-0.066	12.841	-0.074	12.849	-0.042	16.556	-0.204	16.575	-0.171	16.611	-0.081	16.637	0.005
12.860	0.024	12.872	0.053	12.887	0.061	12.898	0.069	16.669	0.067	16.685	0.177	16.713	0.242	16.728	0.316
12.913	0.118	12.930	0.192	12.948	0.233	12.961	0.306	16.744	0.357	16.771	0.369	16.798	0.357	16.811	0.336
12.978	0.331	12.989	0.380	13.007	0.445	13.023	0.503	16.832	0.250	16.854	0.265	16.878	0.177	16.895	0.140
13.036	0.556	13.050	0.597	13.067	0.589	13.090	0.588	16.912	0.115	16.928	0.099	16.951	0.107	16.974	0.135
13.106	0.580	13.116	0.543	13.132	0.412	13.147	0.244	17.001	0.156	17.025	0.172	17.044	0.180	17.068	0.114
13.161	-0.060	13.173	-0.125	13.189	-0.244	13.201	-0.359	17.096	0.143	17.119	0.118	17.137	0.106	17.168	0.114
13.211	-0.383	13.231	-0.375	13.248	-0.350	13.268	-0.304	17.187	0.114	17.205	0.085	17.236	0.048	17.265	-0.005
13.286	-0.178	13.301	-0.043	13.318	0.088	13.332	0.202	17.293	-0.050	17.314	-0.071	17.338	-0.083	17.364	-0.067
13.345	0.313	13.362	0.464	13.375	0.583	13.387	0.645	17.378	-0.050	17.395	-0.010	17.412	0.019	17.428	0.039
13.398	0.681	13.409	0.690	13.432	0.657	13.461	0.607	17.442	0.047	17.459	0.051	17.480	0.006	17.501	-0.052
13.478	0.558	13.493	0.480	13.514	0.370	13.530	0.226	17.521	-0.134	17.537	-0.167	17.553	-0.188	17.573	-0.192
13.544	0.149	13.560	0.083	13.575	0.005	13.595	-0.028	17.586	-0.259	17.675	-0.252	17.701	-0.300	17.733	-0.296
13.609	-0.044	13.621	-0.020	13.637	0.001	13.642	0.009	17.760	-0.293	17.780	-0.277	17.802	-0.219	17.815	-0.150
								17.834	-0.077	17.845	-0.023	17.870	0.038	17.893	0.059

17.906	0.140	17.926	0.234	17.944	0.311	17.956	0.314	22.444	-0.159	22.457	-0.114	22.470	-0.123	22.482	-0.139
17.969	0.377	17.998	0.376	18.032	0.359	18.054	0.314	22.496	-0.159	22.509	-0.184	22.522	-0.196	22.536	-0.217
18.075	0.281	18.088	0.223	18.104	0.166	18.127	0.104	22.549	-0.237	22.563	-0.237	22.576	-0.254	22.588	-0.254
18.149	0.088	18.169	0.104	18.181	0.168	18.201	0.124	22.605	-0.241	22.618	-0.241	22.635	-0.254	22.653	-0.272
18.221	0.144	18.235	0.160	18.251	0.152	18.273	0.123	22.668	-0.147	22.680	-0.131	22.698	-0.114	22.719	-0.106
18.304	0.065	18.325	0.032	18.348	0.020	18.374	0.007	22.736	-0.058	22.753	-0.058	22.766	-0.106	22.782	-0.098
18.389	-0.018	18.405	-0.071	18.426	-0.137	18.445	-0.178	22.794	-0.090	22.805	-0.066	22.822	-0.069	22.836	-0.082
18.467	-0.203	18.488	-0.203	18.515	-0.162	18.547	-0.130	22.852	-0.073	22.866	-0.073	22.880	-0.069	22.893	-0.073
18.581	-0.060	18.600	-0.027	18.623	-0.011	18.647	-0.015	22.904	-0.086	22.916	-0.066	22.928	-0.090	22.943	-0.090
18.672	-0.057	18.696	-0.118	18.715	-0.184	18.737	-0.225	22.962	-0.088	22.985	-0.004	23.003	-0.029	23.012	-0.004
18.769	-0.225	18.790	-0.213	18.808	-0.197	18.830	-0.160	23.021	-0.008	23.033	-0.004	23.049	-0.029	23.061	-0.057
18.856	-0.140	18.880	-0.132	18.898	-0.140	18.931	-0.148	23.077	-0.082	23.092	-0.111	23.105	-0.119	23.128	-0.111
18.958	-0.165	18.980	-0.190	18.998	-0.266	19.018	-0.202	23.143	-0.115	23.159	-0.107	23.173	-0.062	23.188	-0.082
19.036	-0.170	19.056	-0.121	19.076	-0.084	19.099	-0.055	23.205	-0.062	23.214	-0.054	23.230	-0.058	23.248	-0.045
19.100	-0.060	19.122	-0.076	19.131	-0.113	19.146	-0.113	23.265	-0.037	23.280	-0.021	23.293	-0.000	23.308	-0.024
19.165	-0.126	19.181	-0.146	19.204	-0.159	19.219	-0.167	23.322	-0.032	23.338	-0.040	23.355	-0.040	23.368	-0.040
19.232	-0.184	19.252	-0.180	19.267	-0.167	19.282	-0.135	23.382	-0.040	23.401	-0.044	23.419	-0.053	23.442	-0.060
19.295	-0.110	19.314	-0.090	19.339	-0.074	19.360	-0.058	23.462	-0.085	23.477	-0.057	23.499	-0.105	23.511	-0.109
19.378	-0.045	19.402	-0.042	19.430	-0.038	19.444	-0.034	23.528	-0.109	23.556	-0.105	23.566	-0.093	23.585	-0.117
19.467	-0.075	19.484	-0.104	19.499	-0.124	19.527	-0.117	23.609	-0.117	23.628	-0.113	23.647	-0.093	23.670	-0.092
19.546	-0.104	19.566	-0.101	19.578	-0.097	19.594	-0.109	23.694	-0.117	23.717	-0.162	23.736	-0.203	23.758	-0.235
19.622	-0.146	19.651	-0.187	19.670	-0.196	19.695	-0.204	23.777	-0.260	23.845	-0.243	23.868	-0.268	23.818	-0.272
19.715	-0.221	19.731	-0.229	19.752	-0.246	19.777	-0.234	23.832	-0.260	23.931	-0.083	23.946	-0.202	23.888	-0.153
19.804	-0.152	19.827	-0.152	19.853	-0.140	19.879	-0.128	23.910	-0.000	23.931	-0.083	23.946	-0.124	23.922	-0.144
19.902	-0.113	19.923	-0.084	19.949	-0.055	19.971	-0.076	24.031	-0.161	24.045	-0.185	24.055	-0.185	24.068	-0.157
20.075	-0.244	20.096	-0.232	20.119	-0.200	20.145	-0.175	24.081	-0.193	24.095	-0.173	24.110	-0.148	24.123	-0.111
20.161	-0.175	20.184	-0.192	20.203	-0.216	20.222	-0.221	24.135	-0.162	24.144	-0.144	24.156	-0.166	24.167	-0.062
20.242	-0.192	20.267	-0.172	20.285	-0.139	20.304	-0.139	24.179	-0.062	24.187	-0.066	24.196	-0.066	24.209	-0.074
20.333	-0.152	20.354	-0.168	20.375	-0.177	20.401	-0.156	24.221	-0.078	24.229	-0.066	24.241	-0.061	24.251	-0.061
20.428	-0.136	20.446	-0.099	20.465	-0.075	20.485	-0.034	24.260	-0.053	24.267	-0.037	24.279	-0.016	24.292	-0.004
20.500	-0.005	20.522	-0.011	20.543	-0.007	20.568	-0.002	24.306	-0.021	24.319	-0.037	24.339	-0.058	24.360	-0.087
20.590	-0.010	20.611	-0.010	20.627	-0.027	20.651	-0.067	24.381	-0.095	24.398	-0.087	24.414	-0.083	24.429	-0.075
20.664	-0.121	20.685	-0.174	20.700	-0.206	20.721	-0.239	24.443	-0.062	24.456	-0.042	24.469	-0.026	24.484	-0.005
20.744	-0.235	20.767	-0.235	20.793	-0.235	20.814	-0.218	24.499	-0.005	24.515	-0.010	24.533	-0.026	24.555	-0.063
20.838	-0.197	20.860	-0.177	20.873	-0.181	20.894	-0.140	24.572	-0.100	24.587	-0.129	24.598	-0.153	24.612	-0.158
20.914	-0.090	20.930	-0.090	20.947	-0.053	20.974	-0.000	24.625	-0.162	24.637	-0.162	24.646	-0.166	24.656	-0.146
20.999	-0.021	21.031	-0.030	21.059	-0.030	21.088	-0.018	24.668	-0.158	24.684	-0.166	24.695	-0.174	24.717	-0.187
21.109	-0.010	21.132	-0.006	21.155	-0.018	21.171	-0.026	24.732	-0.195	24.748	-0.191	24.767	-0.171	24.785	-0.134
21.192	-0.002	21.215	-0.064	21.238	-0.159	21.261	-0.228	24.803	-0.105	24.817	-0.069	24.828	-0.073	24.842	-0.069
21.215	-0.257	21.301	-0.262	21.325	-0.217	21.357	-0.164	24.857	-0.089	24.870	-0.110	24.886	-0.139	24.900	-0.163
21.372	-0.127	21.395	-0.167	21.420	-0.091	21.450	-0.083	24.922	-0.192	24.935	-0.201	24.956	-0.188	24.979	-0.160
21.466	-0.100	21.490	-0.120	21.514	-0.145	21.534	-0.166	24.997	-0.123	25.019	-0.123	25.036	-0.136	25.051	-0.148
21.561	-0.158	21.575	-0.178	21.596	-0.199	21.621	-0.264	25.070	-0.164	25.086	-0.189	25.101	-0.185	25.117	-0.158
21.642	-0.187	21.674	-0.143	21.707	-0.086	21.745	-0.049	25.128	-0.210	25.144	-0.218	25.159	-0.243	25.171	-0.235
21.713	-0.033	21.757	-0.041	21.819	-0.042	21.839	-0.050	25.182	-0.247	25.194	-0.268	25.207	-0.264	25.222	-0.264
21.864	-0.034	21.894	-0.006	21.920	-0.023	21.941	-0.043	25.237	-0.268	25.252	-0.252	25.261	-0.231	25.276	-0.248
21.962	-0.055	21.979	-0.043	21.994	-0.027	22.004	-0.010	25.290	-0.211	25.301	-0.215	25.311	-0.244	25.328	-0.241
22.022	-0.027	22.035	-0.055	22.047	-0.080	22.063	-0.109	25.341	-0.273	25.360	-0.257	25.382	-0.314	25.402	-0.326
22.076	-0.129	22.083	-0.138	22.093	-0.142	22.103	-0.150	25.418	-0.304	25.438	-0.254	25.457	-0.253	25.477	-0.224
22.111	-0.158	22.122	-0.166	22.136	-0.175	22.145	-0.183	25.488	-0.304	25.503	-0.216	25.522	-0.229	25.537	-0.266
22.165	-0.208	22.178	-0.236	22.191	-0.277	22.203	-0.318	25.552	-0.286	25.569	-0.259	25.584	-0.299	25.595	-0.299
22.280	-0.343	22.297	-0.355	22.324	-0.359	22.368	-0.360	25.608	-0.299	25.617	-0.299	25.632	-0.311	25.647	-0.332
22.319	-0.351	22.329	-0.347	22.310	-0.327	22.326	-0.298	25.664	-0.340	25.675	-0.326	25.694	-0.340	25.704	-0.332
22.337	-0.294	22.351	-0.262	22.363	-0.221	22.381	-0.192	25.715	-0.316	25.727	-0.300	25.738	-0.291	25.749	-0.283
22.396	-0.151	22.409	-0.139	22.421	-0.118	22.432	-0.106	25.759	-0.257	25.771	-0.222	25.781	-0.202	25.794	-0.181

25.868	-0.144	25.819	-0.124	25.831	-0.104	25.839	-0.100	25.196	-0.058	29.212	-0.069	25.227	-0.045	29.247	-0.016
25.847	-0.104	25.856	-0.087	25.863	-0.079	25.874	-0.092	29.263	0.004	29.281	-0.037	29.291	-0.045	29.312	-0.044
25.889	-0.108	25.906	-0.141	25.918	-0.178	25.933	-0.207	25.330	0.032	29.345	-0.011	29.371	-0.005	29.389	-0.018
25.944	-0.223	25.954	-0.235	25.966	-0.227	25.977	-0.211	29.413	-0.018	29.433	-0.014	29.449	-0.022	29.468	-0.031
25.990	-0.187	26.005	-0.158	26.019	-0.109	26.031	-0.072	29.485	-0.043	29.501	-0.047	29.514	-0.047	29.528	-0.043
26.044	-0.043	26.054	-0.027	26.067	-0.023	26.080	-0.015	29.540	-0.031	29.556	-0.031	29.574	-0.023	29.582	-0.019
26.090	-0.015	26.100	-0.007	26.109	-0.001	26.117	-0.015	29.609	-0.015	29.623	-0.003	29.646	-0.017	29.652	-0.030
26.129	-0.011	26.143	-0.032	26.151	-0.040	26.161	-0.052	29.684	0.029	29.702	-0.029	29.721	-0.025	29.741	0.013
26.174	-0.073	26.186	-0.085	26.197	-0.094	26.208	-0.106	29.756	0.004	29.770	-0.008	29.784	-0.020	29.795	-0.025
26.220	-0.094	26.234	-0.094	26.246	-0.094	26.259	-0.082	29.810	-0.037	29.823	-0.049	29.834	-0.049	29.854	-0.045
26.277	-0.074	26.292	-0.061	26.313	-0.053	26.332	-0.033	29.876	-0.076	29.900	-0.050	29.920	-0.042	29.935	-0.034
26.348	-0.029	26.366	-0.000	26.385	-0.008	26.405	-0.024	29.954	-0.025	29.973	-0.031	29.988	-0.026	30.006	-0.030
26.421	0.040	26.435	0.040	26.451	0.065	26.468	0.073	30.027	-0.038	30.043	-0.054	30.061	-0.071	30.080	-0.075
26.486	0.069	26.504	0.056	26.520	0.048	26.533	0.028	30.055	-0.063	30.111	-0.063	30.129	-0.071	30.141	-0.075
26.546	0.015	26.560	-0.001	26.575	-0.030	26.591	-0.038	30.156	-0.063	30.174	-0.055	30.185	-0.051	30.198	-0.039
26.607	-0.058	26.619	-0.063	26.634	-0.075	26.646	-0.079	30.210	-0.047	30.223	-0.047	30.239	-0.035	30.255	-0.039
26.658	-0.091	26.670	-0.087	26.681	-0.087	26.694	-0.087	30.273	-0.031	30.287	-0.010	30.305	-0.011	30.325	-0.002
26.709	-0.075	26.723	-0.067	26.739	-0.067	26.757	-0.046	30.347	-0.002	30.365	-0.007	30.382	-0.011	30.400	-0.011
26.775	-0.038	26.792	-0.022	26.805	-0.006	26.823	-0.022	30.417	-0.011	30.435	-0.018	30.447	-0.022	30.460	0.034
26.841	-0.034	26.854	-0.059	26.867	-0.075	26.880	-0.063	30.478	-0.046	30.494	-0.046	30.507	-0.030	30.523	-0.005
26.899	-0.043	26.912	-0.030	26.924	-0.018	26.943	-0.023	30.536	-0.067	30.554	-0.028	30.579	-0.036	30.591	-0.028
26.959	0.035	26.974	0.043	26.994	0.088	27.010	0.092	30.614	-0.024	30.636	0.005	30.656	0.029	30.679	0.062
27.040	0.109	27.055	0.109	27.071	0.096	27.093	0.104	30.699	-0.024	30.717	0.008	30.735	0.057	30.753	0.037
27.113	0.100	27.132	0.117	27.147	0.125	27.163	0.149	30.769	0.024	30.791	0.008	30.810	0.004	30.829	0.004
27.178	0.186	27.193	0.211	27.213	0.243	27.227	0.252	30.848	0.008	30.864	0.016	30.883	0.020	30.903	0.016
27.244	0.260	27.265	0.243	27.279	0.227	27.294	0.210	30.922	0.016	30.943	0.011	30.955	0.003	30.975	-0.009
27.309	0.182	27.321	0.165	27.338	0.133	27.355	0.104	30.955	-0.030	31.016	-0.042	31.037	-0.047	31.053	-0.055
27.371	0.071	27.392	0.055	27.409	0.050	27.423	0.055	31.073	-0.059	31.092	-0.076	31.106	-0.088	31.122	-0.100
27.437	0.087	27.454	0.063	27.472	0.055	27.487	0.059	31.138	-0.109	31.155	-0.113	31.174	-0.109	31.198	-0.057
27.502	0.038	27.520	0.043	27.532	0.051	27.547	0.038	31.220	-0.101	31.238	-0.057	31.253	-0.109	31.274	-0.101
27.563	0.030	27.581	0.002	27.594	-0.019	27.607	-0.031	31.289	-0.057	31.304	-0.034	31.315	-0.114	31.335	-0.057
27.624	-0.047	27.639	-0.047	27.652	-0.060	27.667	-0.076	31.354	-0.122	31.371	-0.147	31.389	-0.172	31.408	-0.172
27.684	-0.080	27.693	-0.076	27.706	-0.129	27.715	-0.109	31.425	-0.172	31.447	-0.160	31.476	-0.139	31.488	-0.131
27.730	-0.125	27.743	-0.113	27.757	-0.141	27.765	-0.154	31.508	-0.111	31.523	-0.059	31.536	-0.051	31.552	-0.082
27.776	-0.137	27.792	-0.141	27.807	-0.121	27.822	-0.113	31.574	-0.083	31.586	-0.053	31.601	-0.079	31.615	-0.083
27.836	-0.104	27.850	-0.088	27.865	-0.063	27.878	-0.067	31.631	-0.087	31.643	-0.053	31.653	-0.083	31.670	-0.083
27.890	-0.067	27.903	-0.067	27.911	-0.071	27.925	-0.071	31.681	-0.067	31.692	-0.057	31.711	-0.059	31.727	-0.063
27.938	-0.079	27.948	-0.088	27.957	-0.092	27.973	-0.108	31.741	-0.063	31.753	-0.071	31.767	-0.080	31.780	-0.092
27.986	-0.104	27.995	-0.112	28.011	-0.116	28.024	-0.120	31.797	-0.052	31.805	-0.054	31.824	-0.076	31.844	-0.068
28.036	-0.124	28.050	-0.124	28.068	-0.144	28.084	-0.148	31.860	-0.056	31.875	-0.060	31.888	-0.060	31.902	-0.056
28.102	-0.160	28.116	-0.156	28.136	-0.140	28.158	-0.107	31.920	-0.060	31.933	-0.056	31.945	-0.056	31.959	-0.069
28.174	-0.074	28.193	-0.053	28.207	-0.049	28.221	-0.041	31.973	-0.069	31.986	-0.055	32.003	-0.057	32.018	-0.061
28.236	-0.045	28.252	-0.045	28.272	-0.061	28.291	-0.057	32.033	-0.053	32.049	-0.051	32.062	-0.065	32.080	-0.077
28.310	-0.065	28.325	-0.069	28.343	-0.056	28.367	-0.028	32.058	-0.050	32.068	-0.051	32.082	-0.065	32.101	-0.071
28.387	-0.007	28.404	0.001	28.419	-0.015	28.435	-0.007	32.140	-0.152	32.155	-0.156	32.174	-0.176	32.190	-0.157
28.452	-0.011	28.471	-0.019	28.487	-0.015	28.504	-0.024	32.209	-0.201	32.219	-0.218	32.236	-0.226	32.251	-0.242
28.519	-0.040	28.537	-0.069	28.552	-0.098	28.570	-0.122	32.265	-0.251	32.287	-0.255	32.299	-0.259	32.313	-0.259
28.581	-0.159	28.597	-0.192	28.605	-0.192	28.626	-0.213	32.331	-0.263	32.351	-0.272	32.368	-0.268	32.394	-0.264
28.642	-0.196	28.657	-0.172	28.683	-0.135	28.700	-0.123	32.413	-0.256	32.434	-0.252	32.452	-0.264	32.471	-0.260
28.718	-0.131	28.731	-0.139	28.746	-0.135	28.762	-0.164	32.490	-0.256	32.457	-0.265	32.523	-0.254	32.547	-0.244
28.783	-0.176	28.805	-0.209	28.818	-0.213	28.837	-0.254	32.565	-0.220	32.585	-0.208	32.606	-0.204	32.624	-0.200
28.853	-0.246	28.869	-0.246	28.887	-0.234	28.903	-0.222	32.651	-0.152	32.670	-0.150	32.685	-0.184	32.710	-0.176
28.923	-0.210	28.938	-0.206	28.955	-0.198	28.965	-0.202	32.730	-0.156	32.749	-0.140	32.768	-0.140	32.782	-0.132
28.978	-0.190	28.997	-0.194	29.015	-0.194	29.034	-0.199	32.755	-0.132	32.812	-0.132	32.827	-0.130	32.843	-0.132
29.054	-0.203	29.071	-0.187	29.085	-0.183	29.100	-0.183	32.863	-0.120	32.879	-0.112	32.897	-0.108	32.914	-0.096
29.122	-0.179	29.144	-0.171	29.161	-0.159	29.180	-0.134	32.927	-0.088	32.946	-0.067	32.956	-0.067	32.970	-0.055

32.990	-0.039	33.016	-0.035	33.038	-0.035	33.060	-0.035	38.300	0.156	38.335	0.177	38.363	0.197	38.381	0.198
33.076	-0.047	33.095	-0.059	33.114	-0.068	33.135	-0.072	38.405	0.198	38.434	0.206	38.453	0.203	38.476	0.191
33.153	-0.058	33.172	-0.101	33.185	-0.109	33.206	-0.101	38.454	0.171	38.520	0.118	38.538	0.090	38.556	0.053
33.230	-0.097	33.261	-0.084	33.290	-0.064	33.320	-0.052	38.574	0.045	38.556	0.034	38.626	0.018	38.653	-0.010
33.343	-0.064	33.363	-0.031	33.378	-0.031	33.392	-0.027	38.684	-0.042	38.695	-0.063	38.723	-0.058	38.744	-0.058
33.416	-0.027	33.435	-0.023	33.455	-0.023	33.475	-0.023	38.684	-0.042	38.796	-0.063	38.811	-0.048	38.827	-0.068
33.454	-0.031	33.528	-0.047	33.557	-0.075	33.583	-0.083	38.653	-0.104	38.675	-0.137	38.691	-0.132	38.708	-0.161
33.608	-0.054	33.632	-0.026	33.659	0.011	33.685	0.024	38.921	-0.152	38.939	-0.193	38.958	-0.209	38.973	-0.249
33.710	0.032	33.735	0.020	33.766	0.029	33.784	0.033	38.951	-0.241	39.010	-0.265	39.030	-0.261	39.044	-0.297
33.818	0.054	33.842	0.070	33.870	0.107	33.891	0.140	39.069	-0.309	39.090	-0.331	39.108	-0.316	39.126	-0.316
33.912	0.141	33.926	0.145	33.943	0.165	33.964	0.166	39.139	-0.299	39.160	-0.259	39.183	-0.286	39.196	-0.278
33.994	0.186	34.015	0.166	34.031	0.162	34.059	0.154	39.220	-0.236	39.243	-0.215	39.264	-0.186	39.286	-0.186
34.063	0.154	34.114	0.154	34.136	0.151	34.157	0.143	39.316	-0.202	39.350	-0.253	39.376	-0.245	39.400	-0.269
34.179	0.122	34.200	0.118	34.211	0.118	34.245	0.135	39.430	-0.294	39.451	-0.253	39.472	-0.253	39.509	-0.273
34.272	0.160	34.292	0.160	34.317	0.156	34.339	0.152	39.533	-0.256	39.558	-0.223	39.575	-0.194	39.596	-0.194
34.367	0.128	34.387	0.108	34.410	0.091	34.431	0.087	39.619	-0.194	39.640	-0.238	39.663	-0.210	39.683	-0.209
34.455	0.083	34.481	0.071	34.504	0.079	34.537	0.064	39.705	-0.239	39.727	-0.238	39.750	-0.230	39.786	-0.209
34.571	0.104	34.594	0.096	34.625	0.084	34.651	0.084	39.808	-0.181	39.827	-0.180	39.847	-0.156	39.872	-0.156
34.678	0.084	34.703	0.084	34.725	0.101	34.761	0.109	39.850	-0.156	39.912	-0.155	39.935	-0.158	39.962	-0.180
34.878	0.073	34.897	0.061	34.926	0.028	34.959	0.004	40.080	-0.142	40.104	-0.117	40.132	-0.064	40.155	-0.070
34.987	-0.008	35.007	-0.029	35.034	-0.024	35.071	-0.044	40.179	-0.080	40.213	-0.052	40.251	-0.052	40.314	0.048
35.097	-0.065	35.120	-0.076	35.143	-0.072	35.170	-0.072	40.252	-0.060	40.273	-0.064	40.291	-0.052	40.314	0.048
35.200	-0.100	35.230	-0.129	35.251	-0.149	35.282	-0.165	40.327	-0.048	40.344	0.038	40.366	0.024	40.393	0.020
35.300	-0.181	35.325	-0.181	35.339	-0.197	35.356	-0.197	40.409	-0.005	40.430	0.050	40.455	0.061	40.477	0.059
35.376	-0.209	35.395	-0.209	35.408	-0.225	35.429	-0.225	40.454	0.115	40.513	0.102	40.533	0.152	40.549	0.177
35.445	-0.237	35.460	-0.237	35.480	-0.261	35.500	-0.269	40.565	0.202	40.582	0.162	40.558	0.202	40.615	0.198
35.522	-0.277	35.545	-0.268	35.571	-0.272	35.588	-0.276	40.640	0.219	40.655	0.199	40.673	0.203	40.692	0.212
35.612	-0.280	35.635	-0.280	35.665	-0.275	35.694	-0.271	40.708	0.212	40.725	0.232	40.740	0.233	40.765	0.262
35.712	-0.279	35.738	-0.278	35.763	-0.290	35.776	-0.290	40.783	0.262	40.758	0.251	40.815	0.291	40.834	0.299
35.802	-0.306	35.835	-0.294	35.862	-0.285	35.889	-0.264	40.866	0.256	40.881	0.231	40.906	0.312	40.930	0.333
35.915	-0.248	35.930	-0.231	35.952	-0.219	35.974	-0.206	40.952	0.362	40.972	0.371	40.958	0.396	41.009	0.405
36.078	-0.206	36.101	-0.210	36.031	-0.214	36.056	-0.218	41.039	0.379	41.066	0.352	41.088	0.396	41.109	0.405
36.182	-0.271	36.200	-0.283	36.125	-0.251	36.148	-0.255	41.127	0.417	41.148	0.417	41.168	0.405	41.185	0.381
36.262	-0.279	36.296	-0.258	36.320	-0.250	36.340	-0.250	41.201	0.341	41.222	0.344	41.246	0.362	41.270	0.316
36.364	-0.238	36.384	-0.237	36.337	-0.246	36.425	-0.262	41.301	0.341	41.327	0.344	41.343	0.362	41.366	0.370
36.454	-0.282	36.474	-0.286	36.496	-0.286	36.523	-0.250	41.382	0.371	41.402	0.371	41.431	0.351	41.457	0.347
36.548	-0.205	36.580	-0.164	36.603	-0.147	36.637	-0.135	41.481	0.335	41.511	0.319	41.535	0.311	41.561	0.303
36.653	-0.127	36.675	-0.098	36.708	-0.098	36.734	-0.106	41.552	0.267	41.613	0.279	41.639	0.271	41.667	0.263
36.751	-0.131	36.767	-0.123	36.779	-0.139	36.805	-0.114	41.656	0.247	41.717	0.239	41.740	0.236	41.758	0.228
36.837	-0.057	36.853	-0.024	36.871	-0.008	36.892	0.017	41.779	0.207	41.757	0.254	41.818	0.175	41.841	0.155
36.918	0.021	36.934	0.050	36.948	0.050	36.973	0.074	41.860	0.143	41.881	0.135	41.855	0.127	41.919	0.123
36.997	0.031	37.018	0.136	37.048	0.202	37.070	0.251	41.942	0.119	41.965	0.120	41.988	0.120	42.011	0.108
37.096	0.267	37.121	0.222	37.144	0.181	37.178	0.169	42.034	0.088	42.063	0.048	42.086	0.024	42.103	0.020
37.201	0.165	37.222	0.165	37.238	0.137	37.254	0.137	42.113	0.032	42.135	0.020	42.153	0.033	42.183	0.021
37.275	0.141	37.299	0.194	37.324	0.240	37.355	0.281	42.208	0.013	42.231	0.001	42.246	-0.035	42.268	-0.039
37.394	0.258	37.417	0.256	37.435	0.240	37.455	0.281	42.284	-0.051	42.308	-0.055	42.326	-0.071	42.342	-0.075
37.483	0.198	37.502	0.191	37.532	0.216	37.551	0.192	42.361	-0.099	42.384	-0.059	42.403	-0.135	42.425	-0.155
37.575	0.147	37.606	0.106	37.627	0.094	37.659	0.168	42.444	-0.159	42.455	-0.167	42.464	-0.151	42.481	-0.163
37.679	0.225	37.705	0.283	37.731	0.320	37.753	0.324	42.502	-0.150	42.521	-0.162	42.542	-0.162	42.566	-0.166
37.774	0.304	37.796	0.234	37.827	0.169	37.847	0.169	42.580	-0.169	42.599	-0.173	42.622	-0.158	42.636	-0.173
37.870	0.171	37.912	0.202	37.945	0.251	37.967	0.301	42.653	-0.201	42.676	-0.173	42.702	-0.237	42.722	-0.262
37.991	0.330	38.017	0.338	38.049	0.334	38.071	0.322	42.747	-0.274	42.776	-0.271	42.795	-0.277	42.829	-0.260
38.097	0.332	38.122	0.339	38.141	0.335	38.164	0.306	42.866	-0.227	42.886	-0.231	42.905	-0.230	42.942	-0.205
38.179	0.257	38.201	0.225	38.224	0.156	38.263	0.172	42.969	-0.189	43.004	-0.172	43.035	-0.171	43.061	-0.175
								43.091	-0.171	43.113	-0.150	43.136	-0.129	43.162	-0.104

43.185	-0.079	43.213	-0.067	43.236	-0.062	43.260	-0.058	48.538	0.269	48.557	0.253	48.579	0.232	48.601	0.212
43.283	-0.054	43.301	-0.049	43.321	-0.033	43.351	-0.024	48.631	0.155	48.665	0.187	48.693	0.178	48.718	0.166
43.370	-0.024	43.354	0.005	43.412	0.018	43.449	0.067	48.735	0.150	48.766	0.137	48.754	0.137	48.787	0.125
43.480	0.084	43.502	0.089	43.530	0.101	43.556	0.118	48.843	0.104	48.874	0.052	48.904	0.071	48.935	0.067
43.583	0.127	43.605	0.127	43.633	0.140	43.660	0.178	48.962	0.058	48.995	0.046	49.006	0.050	49.031	0.046
43.685	0.185	43.709	0.206	43.734	0.219	43.759	0.244	49.064	0.041	49.092	0.033	49.114	0.025	49.131	0.025
43.780	0.248	43.794	0.281	43.816	0.269	43.832	0.290	49.156	0.016	49.187	0.004	49.229	0.004	49.258	-0.005
43.857	0.266	43.887	0.270	43.916	0.279	43.943	0.291	49.292	-0.005	49.329	-0.005	49.343	-0.005	49.359	-0.014
43.957	0.333	44.026	0.338	44.050	0.371	44.086	0.400	49.374	-0.014	49.352	-0.018	49.415	-0.039	49.438	-0.039
44.133	0.408	44.154	0.384	44.188	0.380	44.215	0.385	49.459	-0.051	49.481	-0.051	49.510	-0.052	49.538	-0.060
44.238	0.402	44.255	0.406	44.289	0.427	44.308	0.435	49.562	-0.073	49.586	-0.061	49.610	-0.085	49.634	-0.098
44.319	0.435	44.326	0.435	44.343	0.452	44.359	0.456	49.659	-0.110	49.689	-0.115	49.720	-0.115	49.741	-0.115
44.372	0.456	44.386	0.461	44.407	0.453	44.427	0.457	49.767	-0.115	49.750	-0.111	49.818	-0.107	49.843	-0.108
44.445	0.457	44.465	0.461	44.480	0.461	44.496	0.470	49.874	-0.104	49.902	-0.104	49.932	-0.108	49.955	-0.092
44.510	0.466	44.524	0.462	44.545	0.458	44.559	0.453	49.985	-0.093	50.025	-0.085	50.048	-0.085	50.071	-0.081
44.573	0.441	44.594	0.421	44.610	0.413	44.630	0.396	50.099	-0.065	50.141	-0.023	50.163	-0.029	50.197	-0.029
44.652	0.397	44.670	0.388	44.691	0.380	44.710	0.380	50.226	-0.025	50.253	-0.022	50.278	-0.018	50.305	-0.010
44.731	0.376	44.749	0.376	44.767	0.368	44.784	0.368	50.330	0.002	50.355	0.010	50.381	0.018	50.404	0.026
44.802	0.352	44.815	0.336	44.837	0.324	44.856	0.307	50.432	0.030	50.462	0.054	50.493	0.070	50.520	0.086
44.875	0.295	44.899	0.291	44.918	0.283	44.935	0.267	50.545	0.110	50.570	0.131	50.600	0.163	50.618	0.167
44.957	0.254	44.973	0.242	44.990	0.234	45.010	0.234	50.643	0.187	50.661	0.151	50.683	0.203	50.710	0.198
45.031	0.217	45.058	0.209	45.086	0.201	45.101	0.201	50.738	0.198	50.758	0.198	50.780	0.198	50.793	0.189
45.115	0.185	45.138	0.176	45.152	0.172	45.172	0.164	50.812	0.201	50.830	0.209	50.848	0.213	50.860	0.233
45.191	0.148	45.214	0.131	45.235	0.115	45.257	0.103	50.885	0.233	50.892	0.249	50.920	0.253	50.941	0.257
45.280	0.086	45.294	0.078	45.314	0.070	45.327	0.058	50.966	0.261	50.988	0.273	51.017	0.273	51.048	0.277
45.352	0.049	45.383	0.049	45.397	0.045	45.416	0.045	51.076	0.277	51.103	0.272	51.134	0.276	51.155	0.280
45.426	0.034	45.440	0.045	45.453	0.037	45.477	0.045	51.182	0.292	51.202	0.300	51.226	0.312	51.258	0.320
45.494	0.049	45.514	0.058	45.526	0.066	45.541	0.054	51.290	0.328	51.324	0.336	51.346	0.344	51.373	0.344
45.554	0.062	45.570	0.045	45.584	0.049	45.604	0.033	51.402	0.348	51.422	0.352	51.442	0.351	51.464	0.343
45.628	0.013	45.650	-0.012	45.676	-0.037	45.694	-0.049	51.488	0.339	51.498	0.339	51.510	0.339	51.528	0.335
45.715	-0.053	45.739	-0.053	45.770	-0.049	45.794	-0.037	51.547	0.331	51.569	0.330	51.583	0.330	51.600	0.339
45.817	-0.024	45.834	-0.024	45.857	-0.045	45.883	-0.053	51.620	0.343	51.636	0.335	51.653	0.367	51.671	0.371
45.893	-0.049	45.911	-0.078	45.933	-0.110	45.960	-0.123	51.692	0.375	51.709	0.315	51.735	0.367	51.754	0.350
45.985	-0.127	46.005	-0.118	46.023	-0.123	46.047	-0.151	51.760	0.342	51.803	0.329	51.830	0.321	51.856	0.305
46.074	-0.172	46.098	-0.192	46.124	-0.205	46.147	-0.213	51.877	0.296	51.906	0.280	51.929	0.272	51.951	0.267
46.164	-0.213	46.185	-0.209	46.212	-0.156	46.246	-0.192	51.984	0.259	52.006	0.259	52.037	0.258	52.061	0.254
46.280	-0.188	46.309	-0.180	46.336	-0.168	46.368	-0.151	52.099	0.246	52.117	0.241	52.129	0.229	52.146	0.208
46.403	-0.139	46.440	-0.110	46.465	-0.090	46.494	-0.078	52.169	0.192	52.189	0.175	52.213	0.163	52.231	0.163
46.524	-0.057	46.557	-0.041	46.592	-0.025	46.621	-0.005	52.253	0.162	52.275	0.162	52.299	0.154	52.335	0.137
46.645	0.016	46.676	0.020	46.709	0.040	46.739	0.052	52.361	0.133	52.386	0.120	52.404	0.120	52.421	0.108
46.769	0.064	46.799	0.093	46.827	0.109	46.851	0.130	52.444	0.103	52.471	0.099	52.495	0.091	52.516	0.090
46.881	0.146	46.896	0.162	46.917	0.166	46.942	0.170	52.538	0.090	52.558	0.086	52.580	0.081	52.601	0.073
46.971	0.182	46.997	0.186	47.026	0.193	47.053	0.205	52.627	0.068	52.646	0.068	52.670	0.068	52.689	0.064
47.087	0.221	47.117	0.225	47.146	0.233	47.175	0.236	52.711	0.063	52.735	0.059	52.756	0.063	52.771	0.054
47.202	0.236	47.234	0.239	47.255	0.243	47.280	0.243	52.791	0.054	52.815	0.054	52.833	0.049	52.853	0.045
47.327	0.255	47.374	0.270	47.407	0.254	47.431	0.314	52.870	-0.030	52.891	-0.032	52.912	0.003	52.929	-0.037
47.447	0.331	47.475	0.338	47.511	0.334	47.543	0.329	52.954	-0.003	52.991	-0.003	53.015	-0.038	53.035	-0.038
47.571	0.337	47.594	0.336	47.614	0.348	47.638	0.360	53.059	-0.043	53.083	-0.051	53.112	-0.059	53.132	-0.059
47.663	0.363	47.689	0.363	47.711	0.363	47.739	0.367	53.158	-0.055	53.187	-0.052	53.211	-0.052	53.235	-0.052
47.763	0.375	47.787	0.382	47.805	0.390	47.839	0.382	53.257	-0.044	53.278	-0.036	53.296	-0.044	53.319	-0.048
47.867	0.385	47.894	0.397	47.925	0.413	47.950	0.417	53.362	-0.057	53.363	-0.065	53.383	-0.073	53.410	-0.077
47.977	0.421	48.003	0.420	48.036	0.441	48.060	0.453	53.444	-0.078	53.470	-0.082	53.496	-0.074	53.528	-0.070
48.087	0.457	48.109	0.444	48.137	0.432	48.168	0.419	53.551	-0.062	53.566	-0.062	53.583	-0.054	53.601	-0.041
48.200	0.427	48.229	0.419	48.263	0.406	48.292	0.389	53.621	-0.033	53.645	-0.037	53.672	-0.038	53.690	-0.029
48.328	0.373	48.361	0.364	48.391	0.352	48.418	0.319	53.710	-0.025	53.733	-0.005	53.756	0.003	53.779	0.023
48.443	0.302	48.467	0.286	48.491	0.269	48.520	0.277	53.804	0.031	53.824	0.044	53.849	0.056	53.868	0.072

53.892	0.080	53.514	0.080	53.538	0.084	53.959	0.084
53.983	0.096	54.007	0.104	54.028	0.120	54.054	0.136
54.077	0.152	54.102	0.160	54.121	0.172	54.144	0.184
54.168	0.192	54.189	0.204	54.210	0.208	54.229	0.220
54.254	0.220	54.277	0.232	54.300	0.248	54.324	0.248
54.345	0.256	54.367	0.260	54.387	0.252	54.408	0.247
54.424	0.255	54.445	0.255	54.466	0.255	54.488	0.258
54.512	0.266	54.538	0.270	54.565	0.274	54.594	0.277
54.618	0.281	54.647	0.281	54.670	0.280	54.692	0.276
54.711	0.276	54.736	0.271	54.757	0.279	54.775	0.279
54.757	0.287	54.815	0.255	54.837	0.307	54.856	0.319
54.874	0.310	54.895	0.310	54.915	0.301	54.931	0.297
54.948	0.289	54.967	0.280	54.982	0.272	55.001	0.272
55.025	0.276	55.051	0.276	55.069	0.284	55.089	0.288
55.112	0.287	55.132	0.275	55.156	0.275	55.187	0.266
55.208	0.254	55.232	0.258	55.260	0.262	55.284	0.270
55.302	0.274	55.326	0.273	55.343	0.273	55.360	0.277
55.388	0.273	55.421	0.264	55.452	0.256	55.477	0.252
55.496	0.247	55.513	0.239	55.532	0.239	55.548	0.231
55.569	0.226	55.592	0.210	55.609	0.206	55.629	0.197
55.653	0.189	55.684	0.176				

IN189

71.085 2/9/71 0600PST L.A. 1980 CENTURY PARK EAST 7TH FL N36W

2985 PCINTS 55.650 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED  
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,  
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,  
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2502 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.095	0.022	0.115	0.043	0.124	0.061	0.124	3.028	0.065	3.044	0.052	3.065	0.077	3.081	0.142				
0.079	0.107	0.097	0.055	0.117	0.091	0.138	0.095	3.057	0.190	3.110	0.052	3.123	0.186	3.139	0.138				
0.157	0.108	0.174	0.124	0.151	0.104	0.203	0.056	3.163	0.077	3.191	0.040	3.209	0.016	3.227	0.008				
0.224	0.067	0.237	0.047	0.254	0.039	0.272	0.055	3.240	0.032	3.247	0.044	3.267	0.121	3.282	0.162				
0.288	0.080	0.304	0.056	0.321	0.108	0.338	0.108	3.302	0.182	3.325	0.182	3.338	0.182	3.353	0.134				
0.353	0.112	0.369	0.116	0.388	0.104	0.400	0.092	3.369	0.089	3.383	0.048	3.398	0.040	3.411	0.040				
0.419	0.056	0.436	0.100	0.453	0.100	0.474	0.096	3.429	0.065	3.446	0.065	3.459	0.101	3.473	0.109				
0.507	0.092	0.535	0.092	0.557	0.084	0.570	0.076	3.487	0.093	3.504	0.044	3.517	0.024	3.535	0.016				
0.552	0.064	0.616	0.076	0.638	0.096	0.661	0.109	3.555	0.036	3.572	0.056	3.590	0.076	3.608	0.072				
0.676	0.109	0.686	0.109	0.705	0.117	0.724	0.121	3.625	0.056	3.643	0.044	3.661	0.056	3.688	0.084				
0.743	0.133	0.757	0.145	0.773	0.145	0.787	0.141	3.709	0.117	3.733	0.129	3.758	0.121	3.776	0.113				
0.811	0.105	0.837	0.081	0.858	0.060	0.874	0.044	3.757	0.056	3.811	0.015	3.828	-0.005	3.850	0.023				
0.851	0.032	0.914	0.036	0.939	0.069	0.961	0.085	3.868	0.068	3.884	0.133	3.902	0.161	3.917	0.177				
0.988	0.085	1.003	0.077	1.031	0.142	1.050	0.178	3.943	0.136	3.961	0.067	3.980	0.027	3.989	0.006				
1.064	0.182	1.081	0.134	1.101	0.065	1.121	0.000	4.002	-0.010	4.016	0.018	4.035	0.115	4.058	0.184				
1.142	-0.016	1.152	-0.008	1.166	0.049	1.180	0.110	4.072	0.224	4.087	0.249	4.103	0.257	4.117	0.212				
1.197	0.146	1.217	0.158	1.237	0.122	1.261	0.090	4.135	0.155	4.152	0.122	4.169	0.139	4.184	0.151				
1.275	0.069	1.284	0.061	1.302	0.078	1.328	0.102	4.200	0.167	4.206	0.167	4.219	0.126	4.237	0.085				
1.355	0.114	1.378	0.118	1.411	0.139	1.434	0.139	4.254	0.057	4.261	0.045	4.277	0.065	4.293	0.101				
1.463	0.122	1.487	0.066	1.505	0.037	1.520	0.037	4.307	0.125	4.328	0.153	4.332	0.153	4.353	0.125				
1.545	0.062	1.564	0.102	1.591	0.106	1.630	0.102	4.373	0.068	4.352	0.035	4.415	0.011	4.431	0.007				
1.652	0.114	1.676	0.163	1.654	0.207	1.704	0.212	4.455	0.023	4.480	0.031	4.506	0.051	4.532	0.067				
1.722	0.175	1.741	0.053	1.752	-0.007	1.764	-0.024	4.450	0.067	4.562	0.067	4.635	0.104	4.654	0.164				
1.786	0.009	1.808	0.062	1.827	0.110	1.844	0.175	4.604	0.019	4.626	0.067	4.718	0.176	4.740	0.168				
1.863	0.240	1.876	0.252	1.887	0.228	1.896	0.199	4.671	0.177	4.704	0.176	4.810	0.124	4.829	0.103				
1.913	0.118	1.930	0.037	1.940	-0.003	1.948	-0.012	4.763	0.152	4.787	0.148	4.866	0.091	4.966	0.075				
1.971	0.065	1.985	0.053	2.010	0.058	2.023	0.134	4.850	0.132	4.865	0.144	4.963	0.091	4.966	0.075				
2.038	0.162	2.067	0.146	2.090	0.122	2.110	0.109	4.920	0.152	4.935	0.144	5.015	0.233	5.021	0.249				
2.123	0.057	2.141	0.113	2.156	0.142	2.167	0.133	4.982	0.111	4.956	0.160	5.052	0.063	5.059	-0.042				
2.187	0.105	2.206	0.044	2.220	-0.009	2.233	-0.033	5.038	0.237	5.052	0.173	5.147	-0.078	5.147	0.078				
2.256	0.036	2.276	0.157	2.295	0.214	2.315	0.242	5.112	-0.051	5.130	0.059	5.218	0.129	5.224	0.168				
2.328	0.250	2.341	0.214	2.362	0.129	2.378	0.060	5.179	0.084	5.190	0.129	5.267	-0.041	5.279	-0.057				
2.393	0.027	2.405	0.039	2.436	0.112	2.448	0.103	5.239	0.068	5.254	0.064	5.327	0.117	5.342	0.153				
2.473	0.157	2.491	0.201	2.512	0.160	2.535	0.163	5.295	-0.013	5.313	0.064	5.394	0.129	5.411	0.109				
2.553	0.042	2.567	0.018	2.580	0.010	2.602	0.050	5.361	0.166	5.376	0.160	5.479	0.162	5.498	0.178				
2.624	0.059	2.647	0.123	2.668	0.139	2.688	0.147	5.428	0.089	5.456	0.160	5.535	0.266	5.561	0.117				
2.707	0.114	2.725	0.062	2.746	0.017	2.761	0.001	5.510	0.215	5.525	0.231	5.604	0.004	5.622	0.036				
2.785	0.009	2.803	0.122	2.819	0.138	2.832	0.134	5.586	0.040	5.558	0.012	5.655	0.174	5.656	0.174				
2.852	0.110	2.871	0.065	2.889	0.049	2.918	0.057	5.643	0.089	5.658	0.133	5.747	0.117	5.762	0.125				
2.953	0.057	2.980	0.113	2.956	0.117	3.011	0.097	5.716	0.162	5.732	0.129								

5.779	0.202	5.756	0.271	5.805	0.312	5.819	0.336	9.426	C.252	9.447	0.341	9.457	C.426	9.466	C.454
5.830	0.332	5.845	0.231	5.857	0.109	5.873	-0.020	9.473	C.462	9.485	C.413	9.502	0.263	9.519	0.109
5.856	-0.166	5.906	-0.195	5.914	-0.195	5.926	-0.142	9.542	-0.017	9.567	-0.147	9.584	-0.236	9.596	-0.313
5.944	-0.069	5.962	0.020	5.982	0.080	5.982	0.088	9.614	-0.411	9.627	-0.484	9.642	-0.496	9.655	-0.496
6.011	0.064	6.033	0.003	6.054	-0.013	6.072	-0.013	9.668	-0.427	9.680	-0.254	9.693	-0.132	9.709	-0.018
6.091	-0.001	6.125	0.003	6.139	0.011	6.165	0.128	9.721	0.067	9.735	0.152	9.746	C.216	9.757	C.257
6.176	0.189	6.189	0.221	6.203	0.037	6.213	0.245	9.769	0.232	9.787	0.123	9.797	C.037	9.813	C.013
6.229	0.205	6.244	0.091	6.266	-0.100	6.282	-0.189	9.831	-0.028	9.847	-0.125	9.866	-0.300	9.885	-0.543
6.298	-0.266	6.303	-0.270	6.320	-0.165	6.338	0.065	9.859	-0.673	9.917	-0.627	9.921	-0.839	9.941	-0.730
6.347	0.115	6.363	0.204	6.380	0.305	6.401	0.540	9.960	-0.459	9.975	-0.264	9.992	0.132	10.008	0.351
6.415	C.682	6.428	0.787	6.438	0.791	6.450	C.770	10.027	C.655	10.043	C.514	10.051	C.135	10.068	1.055
6.475	0.632	6.496	0.478	6.508	0.304	6.529	0.016	10.064	1.084	10.073	1.047	10.089	C.889	10.100	C.747
6.542	-0.134	6.559	-0.187	6.579	-0.199	6.599	-0.212	10.118	C.641	10.132	0.556	10.148	C.588	10.157	C.523
6.616	-0.167	6.625	-0.127	6.634	-0.099	6.643	-0.083	10.169	C.641	10.184	C.458	10.201	C.482	10.218	C.458
6.654	-0.059	6.670	-0.160	6.679	-0.172	6.695	-0.103	10.235	C.506	10.247	0.506	10.266	0.453	10.285	C.420
6.724	0.127	6.743	0.257	6.767	0.411	6.782	0.524	10.302	C.383	10.314	0.334	10.322	C.294	10.336	0.281
6.757	0.665	6.810	0.674	6.820	C.690	6.831	0.677	10.353	C.302	10.371	C.354	10.383	C.378	10.393	C.394
6.850	0.507	6.868	0.280	6.889	-0.012	6.906	-0.337	10.417	C.337	10.446	C.215	10.462	0.142	10.477	C.044
6.923	-0.718	6.937	-0.945	6.949	-1.160	6.958	-1.188	10.489	-0.000	10.505	-0.037	10.524	-0.082	10.542	-0.224
6.966	-1.213	6.981	-0.974	7.000	-0.475	7.022	-0.131	10.561	-0.500	10.578	-0.764	10.584	-0.821	10.593	-0.841
7.043	0.148	7.067	0.456	7.088	0.593	7.111	0.723	10.602	-0.805	10.620	-0.566	10.642	-0.137	10.650	C.070
7.121	0.800	7.134	0.791	7.145	0.787	7.161	0.592	10.658	C.143	10.665	0.151	10.678	0.191	10.691	C.191
7.178	0.373	7.199	0.256	7.214	0.114	7.229	-0.020	10.703	C.142	10.711	0.069	10.729	-0.247	10.747	-0.673
7.243	-0.166	7.254	-0.138	7.268	-0.082	7.282	0.186	10.759	-0.565	10.768	-1.026	10.775	-1.010	10.793	-0.792
7.310	0.420	7.322	0.457	7.331	0.513	7.345	0.473	10.815	-0.265	10.836	0.075	10.848	C.237	10.863	C.254
7.359	0.424	7.382	0.440	7.398	0.440	7.408	0.468	10.874	0.411	10.884	C.435	10.893	C.419	10.907	0.281
7.423	0.581	7.432	0.646	7.438	0.767	7.446	0.715	10.920	C.143	10.932	0.025	10.943	C.020	10.949	-0.032
7.457	0.654	7.473	0.411	7.495	0.151	7.509	-0.088	10.963	0.021	10.984	0.073	10.996	G.105	11.003	C.138
7.522	-0.287	7.536	-0.396	7.547	-0.433	7.556	-0.441	11.022	C.328	11.032	0.466	11.043	0.567	11.057	C.599
7.572	-0.413	7.590	-0.291	7.606	-0.109	7.625	0.130	11.057	0.599	11.058	C.559	11.065	C.575	11.069	C.550
7.648	0.519	7.659	0.657	7.671	0.770	7.680	0.818	11.074	0.518	11.077	0.489	11.080	0.457	11.086	C.412
7.692	0.754	7.706	0.773	7.722	0.599	7.751	-0.102	11.091	C.376	11.094	C.347	11.102	C.295	11.103	C.262
7.766	-0.341	7.778	-0.394	7.792	-0.386	7.810	-0.342	11.109	0.230	11.114	0.209	11.117	C.197	11.122	C.189
7.825	-0.269	7.842	-0.192	7.858	-0.168	7.879	-0.188	11.131	C.181	11.142	0.153	11.148	C.221	11.149	C.221
7.901	-0.241	7.919	-0.306	7.940	-0.574	7.962	-0.821	11.152	C.286	11.157	0.321	11.160	C.355	11.164	C.399
7.974	-0.894	7.985	-0.862	8.006	-0.428	8.022	-0.015	11.176	C.488	11.183	0.513	11.186	C.529	11.197	C.537
8.047	0.451	8.062	0.601	8.073	0.666	8.082	0.690	11.211	0.541	11.224	0.504	11.237	0.468	11.242	C.439
8.092	0.645	8.113	0.285	8.134	-0.023	8.150	-0.109	11.247	C.359	11.255	C.350	11.267	C.269	11.270	C.224
8.173	-0.145	8.189	-0.218	8.201	-0.291	8.217	0.311	11.271	0.224	11.276	0.175	11.280	C.131	11.294	0.033
8.226	-0.255	8.255	-0.097	8.282	0.211	8.297	0.357	11.307	-0.044	11.317	-0.057	11.336	-0.105	11.337	-0.105
8.318	0.559	8.343	0.815	8.355	0.932	8.373	1.070	11.350	-0.093	11.363	0.044	11.379	-0.028	11.394	-0.089
8.386	1.166	8.396	1.062	8.417	0.676	8.440	0.231	11.411	-0.178	11.425	-0.251	11.446	-0.308	11.466	-0.286
8.455	-0.025	8.471	-0.179	8.484	-0.232	8.499	-0.288	11.484	-0.268	11.503	-0.304	11.515	-0.369	11.522	-0.434
8.510	-0.289	8.523	-0.220	8.539	-0.013	8.551	0.112	11.529	-0.507	11.533	-0.604	11.541	-0.677	11.551	-0.643
8.564	0.185	8.576	0.218	8.597	0.217	8.618	0.217	11.559	-0.916	11.566	-0.581	11.580	-1.025	11.600	-1.017
8.633	0.209	8.658	0.010	8.686	-0.249	8.709	-0.387	11.616	-0.965	11.621	-0.876	11.626	-0.795	11.630	-0.758
8.724	-0.411	8.733	-0.420	8.755	-0.343	8.769	-0.282	11.633	-0.693	11.641	-0.592	11.643	-0.519	11.646	-0.470
8.792	-0.254	8.810	-0.311	8.831	-0.420	8.854	-0.558	11.650	-0.393	11.654	-0.308	11.657	-0.251	11.663	-0.170
8.870	-0.651	8.884	-0.672	8.902	-0.599	8.922	-0.413	11.664	-0.126	11.669	-0.061	11.673	-0.029	11.675	-0.000
8.942	-0.190	8.964	0.021	8.982	0.134	9.000	0.191	11.684	-0.126	11.689	-0.061	11.693	-0.029	11.695	-0.000
9.015	0.231	9.032	0.239	9.057	0.150	9.081	0.052	11.719	-0.016	11.723	-0.065	11.736	-0.183	11.746	-0.223
9.102	-0.013	9.124	-0.066	9.135	-0.147	9.152	-0.200	11.750	-0.260	11.764	-0.292	11.785	-0.288	11.798	-0.251
9.169	-0.192	9.187	-0.151	9.209	0.019	9.231	0.278	11.812	-0.199	11.824	-0.154	11.832	-0.085	11.842	-0.033
9.259	0.675	9.276	0.902	9.289	1.015	9.304	1.051	11.852	C.052	11.863	0.117	11.877	C.166	11.898	C.178
9.312	1.063	9.321	0.998	9.343	0.690	9.363	0.297	11.912	0.133	11.919	0.093	11.927	0.032	11.937	-0.020
9.374	0.179	9.383	0.155	9.389	0.143	9.406	0.179	11.946	-0.065	11.953	-0.118	11.967	-0.142	11.974	-0.130



11.986	-0.114	12.004	-0.089	12.020	-0.041	12.029	0.004	14.158	0.385	14.166	0.451	14.181	0.555	14.195	0.535
12.034	0.028	12.040	0.093	12.050	0.134	12.059	0.195	14.215	0.478	14.233	0.438	14.242	0.418	14.254	0.417
12.060	0.155	12.067	0.231	12.071	0.268	12.080	0.312	14.288	0.434	14.301	0.434	14.321	0.417	14.338	0.328
12.089	0.345	12.100	0.373	12.113	0.426	12.122	0.446	14.342	0.243	14.355	0.142	14.375	0.020	14.386	-0.146
12.124	0.414	12.129	0.393	12.130	0.450	12.136	0.503	14.400	-0.272	14.408	-0.300	14.439	-0.325	14.446	-0.264
12.141	0.547	12.155	0.552	12.168	0.636	12.179	0.669	14.450	-0.219	14.459	-0.058	14.472	-0.025	14.480	0.040
12.193	0.685	12.208	0.693	12.216	0.681	12.217	0.681	14.499	0.072	14.505	0.089	14.525	0.161	14.566	0.222
12.228	0.661	12.233	0.596	12.240	0.556	12.247	0.495	14.589	0.267	14.617	0.315	14.652	0.262	14.668	0.181
12.252	0.438	12.255	0.377	12.260	0.317	12.264	0.248	14.665	0.181	14.671	0.112	14.683	0.001	14.711	-0.151
12.270	0.175	12.271	0.110	12.277	0.029	12.286	0.056	14.733	-0.249	14.758	-0.293	14.773	-0.293	14.773	-0.225
12.283	-0.137	12.295	-0.311	12.299	-0.397	12.306	-0.465	14.786	-0.144	14.795	-0.042	14.808	0.059	14.819	0.160
12.311	-0.538	12.317	-0.636	12.325	-0.717	12.336	-0.814	14.829	0.237	14.840	0.282	14.849	0.351	14.874	0.379
12.343	-0.883	12.348	-0.939	12.350	-0.984	12.356	-1.033	14.903	0.358	14.924	0.302	14.943	0.273	14.965	0.326
12.365	-1.089	12.371	-1.097	12.380	-1.089	12.383	-1.081	14.983	0.403	15.017	0.456	15.024	0.573	15.043	0.613
12.390	-1.057	12.392	-1.012	12.397	-0.935	12.402	-0.854	15.057	0.605	15.079	0.560	15.099	0.487	15.119	0.459
12.404	-0.785	12.410	-0.684	12.415	-0.587	12.420	-0.486	15.126	0.402	15.157	0.350	15.175	0.345	15.203	0.256
12.427	-0.360	12.435	-0.246	12.446	-0.186	12.462	-0.093	15.223	0.155	15.243	0.102	15.261	0.045	15.274	0.004
12.475	-0.036	12.484	0.005	12.493	0.090	12.502	0.159	15.296	-0.061	15.317	-0.134	15.347	-0.130	15.356	-0.130
12.511	0.236	12.529	0.321	12.546	0.390	12.560	0.402	15.356	-0.130	15.363	-0.053	15.395	0.020	15.410	0.093
12.570	0.377	12.576	0.325	12.582	0.292	12.587	0.227	15.424	0.142	15.442	0.154	15.456	0.182	15.476	0.113
12.590	0.179	12.596	0.102	12.599	0.041	12.605	-0.028	15.482	0.048	15.500	-0.062	15.511	-0.155	15.530	-0.281
12.606	-0.028	12.612	-0.166	12.618	-0.231	12.635	-0.328	15.530	-0.281	15.551	-0.281	15.543	-0.321	15.563	-0.346
12.657	-0.385	12.682	-0.409	12.706	-0.373	12.718	-0.336	15.579	-0.325	15.594	-0.285	15.607	-0.253	15.619	-0.196
12.738	-0.381	12.754	-0.446	12.777	-0.494	12.802	-0.454	15.629	-0.143	15.641	-0.059	15.648	-0.062	15.653	-0.034
12.824	-0.446	12.831	-0.389	12.841	-0.312	12.852	-0.223	15.662	0.047	15.669	0.100	15.682	0.124	15.691	0.152
12.864	-0.138	12.878	-0.065	12.888	-0.000	12.897	0.065	15.703	0.193	15.711	0.225	15.728	0.212	15.803	0.253
12.906	0.166	12.916	0.259	12.930	0.320	12.943	0.409	15.754	0.253	15.774	0.233	15.790	0.212	15.803	0.192
12.955	0.486	12.981	0.547	12.998	0.603	13.009	0.680	15.827	0.155	15.841	0.131	15.855	0.082	15.871	0.005
13.022	0.729	13.030	0.761	13.036	0.794	13.045	0.822	15.886	-0.023	15.924	-0.072	15.952	-0.093	15.990	-0.117
13.061	0.822	13.076	0.806	13.086	0.757	13.097	0.696	16.027	-0.057	16.054	-0.041	16.085	-0.025	16.126	-0.033
13.102	0.643	13.104	0.587	13.108	0.522	13.115	0.396	16.156	-0.033	16.176	-0.013	16.199	-0.046	16.233	-0.009
13.120	-0.287	13.126	-0.197	13.130	-0.104	13.137	0.003	16.245	0.007	16.258	0.001	16.267	-0.038	16.280	-0.111
13.140	-0.107	13.146	-0.192	13.155	-0.277	13.163	-0.402	16.288	-0.151	16.298	-0.200	16.310	-0.281	16.317	-0.366
13.174	-0.456	13.188	-0.589	13.202	-0.711	13.217	-0.868	16.325	-0.419	16.337	-0.533	16.349	-0.614	16.363	-0.695
13.235	-0.508	13.271	-0.415	13.274	-0.366	13.277	-0.273	16.377	-0.776	16.392	-0.813	16.403	-0.865	16.412	-0.869
13.282	-0.176	13.285	-0.071	13.291	0.014	13.295	0.156	16.420	-0.829	16.421	-0.813	16.431	-0.760	16.433	-0.695
13.302	0.278	13.308	0.395	13.315	0.480	13.322	0.549	16.438	-0.647	16.444	-0.578	16.447	-0.509	16.451	-0.440
13.328	0.655	13.335	0.764	13.341	0.837	13.354	0.910	16.458	-0.391	16.462	-0.355	16.469	-0.290	16.476	-0.258
13.366	0.934	13.375	0.841	13.387	0.760	13.398	0.646	16.488	-0.221	16.504	-0.266	16.521	-0.298	16.536	-0.327
13.402	0.553	13.408	0.476	13.411	0.476	13.420	0.383	16.548	-0.351	16.567	-0.311	16.577	-0.335	16.619	-0.258
13.439	0.342	13.460	0.233	13.466	0.184	13.481	0.131	16.632	-0.270	16.650	-0.254	16.663	-0.222	16.686	-0.189
13.500	0.091	13.515	-0.023	13.524	-0.100	13.535	-0.197	16.707	-0.124	16.721	-0.072	16.733	-0.003	16.742	0.034
13.542	-0.282	13.551	-0.424	13.566	-0.525	13.571	-0.639	16.761	0.042	16.783	0.046	16.806	0.021	16.823	-0.064
13.580	-0.768	13.589	-0.801	13.596	-0.866	13.611	-0.841	16.839	-0.145	16.864	-0.206	16.890	-0.206	16.916	-0.137
13.617	-0.797	13.633	-0.724	13.653	-0.647	13.660	-0.651	16.937	0.076	16.973	0.009	16.973	0.086	16.988	0.154
13.661	-0.651	13.675	-0.578	13.691	-0.465	13.699	-0.392	17.004	0.159	17.028	0.203	17.049	0.154	17.071	0.105
13.702	-0.323	13.714	-0.226	13.723	-0.149	13.730	-0.080	17.095	0.024	17.124	0.004	17.157	-0.045	17.181	-0.098
13.742	0.062	13.744	0.159	13.751	0.220	13.761	0.321	17.202	-0.175	17.226	-0.227	17.253	-0.248	17.281	-0.203
13.767	0.459	13.779	0.609	13.786	0.653	13.797	0.714	17.295	-0.167	17.308	-0.050	17.323	-0.021	17.338	0.048
13.815	0.710	13.830	0.657	13.847	0.540	13.863	0.426	17.351	0.100	17.364	0.141	17.373	0.181	17.381	0.197
13.876	0.313	13.888	0.171	13.901	0.135	13.911	0.005	17.390	0.210	17.399	0.238	17.411	0.246	17.422	0.230
13.935	0.033	13.948	0.114	13.966	0.215	13.979	0.288	17.430	0.197	17.437	0.165	17.456	0.112	17.462	0.027
14.003	0.264	14.019	0.199	14.033	0.057	14.047	-0.064	17.473	-0.014	17.474	-0.014	17.494	-0.075	17.516	-0.148
14.065	-0.141	14.085	-0.202	14.058	-0.162	14.107	-0.089	17.553	-0.133	17.576	-0.056	17.583	-0.040	17.605	0.013
14.119	0.021	14.132	0.110	14.140	0.195	14.147	0.296	17.614	0.073	17.634	0.126	17.662	0.150	17.656	0.202
								17.712	0.238	17.724	0.271	17.738	0.339	17.759	0.412

17.769	0.460	17.788	0.525	17.804	0.565	17.827	0.573	21.575	-0.261	21.553	-0.257	22.006	-0.306	22.013	-0.330
17.860	0.528	17.865	0.516	17.885	0.504	17.915	0.532	22.020	-0.338	22.021	-0.338	22.029	-0.362	22.036	-0.379
17.934	0.584	17.950	0.641	17.978	0.697	18.003	0.689	22.042	-0.399	22.051	-0.423	22.062	-0.427	22.085	-0.427
18.039	0.639	18.063	0.566	18.081	0.453	18.097	0.363	22.106	-0.428	22.122	-0.428	22.144	-0.456	22.168	-0.460
18.107	0.638	18.122	0.124	18.134	0.059	18.153	0.075	22.181	-0.333	22.204	-0.358	22.224	-0.341	22.232	-0.485
18.154	0.675	18.154	0.075	18.180	0.131	18.206	0.216	22.210	-0.440	22.245	-0.368	22.304	-0.319	22.323	-0.287
18.229	0.281	18.249	0.297	18.273	0.252	18.288	0.207	22.341	-0.287	22.362	-0.287	22.393	-0.261	22.407	-0.287
18.301	0.178	18.311	0.138	18.328	0.101	18.347	0.040	22.420	-0.267	22.438	-0.251	22.461	-0.295	22.476	-0.303
18.369	-0.005	18.392	-0.017	18.415	-0.034	18.445	0.030	22.501	-0.307	22.525	-0.275	22.553	-0.250	22.586	-0.246
18.465	-0.070	18.466	-0.070	18.496	-0.140	18.535	-0.160	22.620	-0.210	22.648	-0.173	22.672	-0.133	22.699	-0.086
18.540	-0.148	18.556	-0.083	18.567	0.018	18.577	0.095	22.736	-0.052	22.755	-0.003	22.789	0.033	22.810	0.062
18.566	0.188	18.615	0.224	18.641	0.192	18.672	0.111	22.823	0.062	22.844	0.037	22.866	0.009	22.888	-0.019
18.701	-0.011	18.715	-0.125	18.740	-0.173	18.776	-0.214	22.910	-0.036	22.925	-0.028	22.957	0.037	22.982	0.106
18.777	-0.214	18.798	-0.174	18.820	-0.081	18.839	-0.032	23.002	0.155	23.021	0.179	23.038	0.163	23.060	0.118
18.861	-0.004	18.886	0.008	18.900	0.044	18.921	0.093	23.081	0.057	23.107	0.100	23.136	0.008	23.163	0.057
18.942	0.145	18.964	0.170	18.985	0.190	19.007	0.177	23.183	0.102	23.207	0.126	23.234	0.126	23.259	0.162
19.034	0.141	19.052	0.076	19.101	0.014	19.127	-0.026	23.279	0.215	23.303	0.251	23.322	0.280	23.340	0.247
19.153	-0.063	19.170	-0.213	19.185	-0.290	19.203	-0.392	23.358	0.211	23.375	0.154	23.394	0.105	23.423	0.061
19.211	-0.448	19.212	-0.448	19.238	-0.465	19.249	-0.558	23.445	0.089	23.470	0.154	23.492	0.230	23.516	0.287
19.278	-0.554	19.304	-0.575	19.329	-0.539	19.367	-0.514	23.534	0.319	23.556	0.321	23.580	0.331	23.604	0.258
19.395	-0.499	19.425	-0.474	19.453	-0.459	19.482	-0.447	23.617	0.214	23.641	0.169	23.658	0.161	23.676	0.197
19.506	-0.415	19.517	-0.362	19.536	-0.318	19.551	-0.285	23.704	0.266	23.724	0.302	23.743	0.327	23.764	0.306
19.577	-0.290	19.603	-0.302	19.618	-0.335	19.632	-0.383	23.788	0.266	23.805	0.217	23.828	0.172	23.846	0.116
19.652	-0.432	19.665	-0.432	19.671	-0.436	19.688	-0.416	23.865	0.087	23.886	0.046	23.913	-0.002	23.940	-0.031
19.698	-0.376	19.708	-0.331	19.718	-0.327	19.727	-0.271	23.962	-0.002	23.986	0.042	24.009	0.107	24.033	0.163
19.752	-0.202	19.775	-0.154	19.782	-0.126	19.821	-0.069	24.056	0.180	24.075	0.171	24.098	0.098	24.116	0.033
19.847	-0.009	19.867	0.072	19.888	0.117	19.908	0.145	24.134	-0.011	24.161	-0.048	24.186	-0.032	24.207	-0.020
19.927	0.116	19.938	0.172	19.962	0.066	19.978	0.156	24.230	-0.004	24.254	-0.004	24.280	-0.004	24.306	-0.061
19.995	-0.221	20.009	-0.261	20.035	-0.261	20.043	-0.233	24.326	-0.101	24.350	-0.138	24.371	-0.174	24.396	-0.199
20.044	-0.233	20.055	-0.184	20.069	-0.103	20.077	-0.039	24.418	-0.199	24.440	-0.151	24.456	-0.134	24.472	-0.094
20.086	0.006	20.093	0.058	20.103	0.119	20.118	0.200	24.491	-0.053	24.518	-0.045	24.543	-0.119	24.563	-0.196
20.139	0.218	20.165	0.244	20.193	0.156	20.224	0.139	24.580	0.273	24.600	0.326	24.620	-0.342	24.644	-0.350
20.247	0.126	20.282	0.106	20.303	0.073	20.320	0.021	24.667	-0.311	24.690	-0.407	24.709	-0.444	24.731	-0.456
20.349	-0.008	20.374	0.024	20.386	0.053	20.415	0.146	24.756	-0.416	24.776	-0.367	24.792	-0.335	24.825	-0.303
20.432	0.218	20.443	0.255	20.458	0.283	20.471	0.303	24.843	-0.327	24.859	-0.368	24.882	-0.445	24.912	-0.494
20.497	0.255	20.514	0.177	20.531	0.113	20.546	0.064	24.933	-0.469	24.958	-0.435	24.980	-0.413	25.004	-0.417
20.580	0.064	20.604	0.157	20.619	0.197	20.627	0.315	25.026	-0.421	25.050	-0.413	25.075	-0.369	25.097	-0.308
20.634	0.355	20.643	0.448	20.664	0.553	20.680	0.622	25.121	-0.284	25.143	-0.280	25.164	-0.276	25.190	-0.256
20.697	0.667	20.715	0.663	20.716	0.663	20.729	0.646	25.216	-0.244	25.235	-0.228	25.253	-0.228	25.269	-0.228
20.741	0.565	20.755	0.496	20.773	0.443	20.801	0.382	25.291	-0.220	25.315	-0.188	25.334	-0.140	25.350	-0.087
20.835	0.378	20.917	0.350	20.873	0.313	20.894	0.216	25.368	-0.042	25.388	0.002	25.404	0.034	25.426	0.067
20.914	0.106	20.917	0.158	20.926	0.065	20.958	0.037	25.443	0.062	25.462	0.062	25.476	0.026	25.503	-0.003
20.990	0.081	21.018	0.158	21.049	0.214	21.082	0.258	25.531	-0.043	25.554	-0.044	25.575	-0.068	25.607	-0.020
21.102	0.299	21.103	0.299	21.125	0.392	21.146	0.408	25.632	-0.012	25.659	0.008	25.682	0.045	25.703	0.081
21.167	0.403	21.188	0.355	21.200	0.294	21.201	0.294	25.732	0.113	25.756	0.101	25.782	0.093	25.798	0.101
21.202	0.294	21.209	0.237	21.216	0.204	21.221	0.164	25.816	0.129	25.833	0.165	25.853	0.169	25.876	0.125
21.225	0.119	21.246	0.058	21.262	-0.007	21.280	-0.031	25.889	0.080	25.902	0.011	25.919	-0.062	25.935	-0.119
21.299	-0.019	21.328	0.041	21.349	0.110	21.360	0.154	25.952	-0.147	25.973	-0.111	25.994	-0.026	26.014	0.067
21.364	0.158	21.386	0.239	21.418	0.243	21.440	0.198	26.033	0.136	26.056	0.172	26.070	0.196	26.085	0.204
21.453	0.149	21.474	0.088	21.492	0.011	21.512	-0.038	26.110	0.237	26.138	0.301	26.153	0.326	26.174	0.350
21.532	-0.091	21.548	-0.119	21.577	-0.156	21.582	-0.160	26.159	0.390	26.182	0.475	26.242	0.390	26.266	0.422
21.602	-0.128	21.618	-0.087	21.634	-0.063	21.653	-0.027	26.258	0.458	26.305	0.475	26.330	0.507	26.353	0.474
21.663	0.005	21.684	0.042	21.701	0.054	21.727	0.053	26.380	0.434	26.398	0.393	26.421	0.352	26.448	0.324
21.709	0.029	21.767	0.024	21.779	-0.065	21.793	-0.134	26.470	0.308	26.456	0.271	26.525	0.243	26.554	0.214
21.809	-0.183	21.825	-0.231	21.844	-0.284	21.873	-0.301	26.578	0.214	26.608	0.247	26.632	0.275	26.654	0.291
21.891	-0.309	21.910	-0.309	21.934	-0.281	21.956	-0.265	26.681	0.303	26.708	0.287	26.733	0.275	26.755	0.246

26.718	0.194	26.797	0.129	26.811	0.064	26.827	-0.013	32.525	0.059	32.557	-0.006	32.580	-0.051	32.600	-0.076
26.846	-0.074	26.863	-0.111	26.880	-0.139	26.901	-0.159	32.629	-0.072	32.658	-0.048	32.684	-0.024	32.717	0.008
26.919	-0.155	26.943	-0.143	26.969	-0.119	26.985	-0.099	32.746	0.004	32.779	-0.045	32.805	-0.081	32.831	-0.110
27.009	-0.074	27.038	-0.070	27.067	-0.054	27.090	-0.042	32.855	-0.122	32.880	-0.123	32.902	-0.119	32.928	-0.103
27.112	-0.014	27.127	0.002	27.150	0.043	27.176	0.071	32.947	-0.103	32.971	-0.059	32.990	-0.099	33.016	-0.058
27.200	-0.039	27.216	0.014	27.236	-0.030	27.256	0.071	33.024	-0.074	33.043	-0.070	33.063	-0.070	33.085	-0.058
27.281	-0.071	27.304	-0.083	27.327	-0.124	27.343	-0.144	33.071	-0.046	33.085	-0.046	33.095	-0.050	33.104	-0.058
27.363	-0.176	27.386	-0.237	27.412	-0.302	27.439	-0.363	33.114	-0.079	33.132	-0.103	33.148	-0.139	33.169	-0.132
27.474	-0.334	27.504	-0.326	27.525	-0.338	27.548	-0.347	33.188	-0.213	33.203	-0.225	33.225	-0.253	33.240	-0.261
27.580	-0.431	27.596	-0.464	27.618	-0.492	27.644	-0.492	33.267	-0.265	33.284	-0.265	33.299	-0.265	33.324	-0.261
27.676	-0.468	27.686	-0.456	27.702	-0.419	27.730	-0.423	33.345	-0.253	33.365	-0.263	33.386	-0.262	33.409	-0.280
27.747	-0.411	27.771	-0.407	27.796	-0.407	27.813	-0.407	33.434	-0.322	33.450	-0.346	33.466	-0.367	33.479	-0.391
27.832	-0.415	27.855	-0.415	27.883	-0.447	27.905	-0.467	33.497	-0.415	33.513	-0.431	33.528	-0.455	33.541	-0.467
27.923	-0.492	27.947	-0.499	27.964	-0.499	27.987	-0.451	33.561	-0.475	33.579	-0.471	33.605	-0.434	33.630	-0.406
28.008	-0.402	28.030	-0.357	28.054	-0.333	28.074	-0.341	33.653	-0.381	33.672	-0.377	33.689	-0.377	33.708	-0.397
28.100	-0.361	28.125	-0.361	28.151	-0.316	28.180	-0.247	33.725	-0.405	33.744	-0.413	33.766	-0.409	33.790	-0.400
28.202	-0.198	28.226	-0.198	28.250	-0.226	28.279	-0.262	33.812	-0.388	33.828	-0.376	33.849	-0.355	33.874	-0.308
28.258	-0.274	28.322	-0.258	28.343	-0.205	28.368	-0.140	33.856	-0.282	33.916	-0.253	33.941	-0.237	33.977	-0.208
28.387	-0.096	28.422	-0.071	28.459	-0.092	28.484	-0.120	33.957	-0.216	34.025	-0.244	34.047	-0.265	34.069	-0.277
28.509	-0.153	28.539	-0.173	28.564	-0.185	28.588	-0.181	34.050	-0.280	34.108	-0.284	34.131	-0.286	34.153	-0.288
28.617	-0.157	28.646	-0.096	28.680	-0.056	28.708	-0.008	34.174	-0.284	34.201	-0.259	34.230	-0.214	34.265	-0.194
28.736	0.037	28.769	0.061	28.796	0.061	28.830	0.073	34.286	-0.210	34.308	-0.238	34.329	-0.254	34.343	-0.270
28.858	0.089	28.877	0.109	28.900	0.109	28.925	0.137	34.355	-0.270	34.375	-0.258	34.354	-0.262	34.413	-0.274
28.940	0.137	28.962	0.141	28.978	0.141	29.005	0.169	34.430	-0.274	34.454	-0.258	34.467	-0.322	34.488	-0.340
29.031	0.193	29.054	0.237	29.080	0.310	29.111	0.371	34.511	-0.314	34.525	-0.277	34.552	-0.233	34.577	-0.180
29.121	0.366	29.163	0.330	29.186	0.289	29.207	0.268	34.606	-0.160	34.632	-0.143	34.654	-0.135	34.679	-0.115
29.228	0.280	29.258	0.280	29.275	0.280	29.297	0.251	34.700	-0.098	34.724	-0.078	34.743	-0.066	34.770	-0.049
29.337	0.231	29.362	0.238	29.399	0.262	29.421	0.290	34.788	-0.033	34.814	0.007	34.836	0.048	34.858	0.093
29.449	0.294	29.475	0.282	29.506	0.258	29.532	0.221	34.881	0.113	34.894	0.133	34.917	0.125	34.937	0.113
29.567	0.164	29.603	0.127	29.632	0.111	29.664	0.115	34.959	0.102	34.954	0.054	35.015	0.086	35.033	0.086
29.692	0.098	29.715	0.078	29.734	0.066	29.756	0.049	35.057	0.107	35.085	0.139	35.104	0.139	35.129	0.152
29.779	0.029	29.800	0.009	29.823	-0.012	29.844	-0.016	35.143	0.152	35.162	0.156	35.181	0.165	35.208	0.181
29.867	-0.012	29.904	0.012	29.926	0.020	29.936	0.040	35.235	0.129	35.254	0.105	35.273	0.076	35.299	0.048
29.980	0.076	30.015	0.113	30.045	0.121	30.071	0.121	35.325	0.045	35.346	0.053	35.376	0.073	35.395	0.086
30.103	0.112	30.130	0.056	30.154	0.007	30.170	-0.034	35.417	0.082	35.438	0.062	35.461	0.038	35.475	0.022
30.192	-0.055	30.223	-0.131	30.247	-0.123	30.273	-0.095	35.454	0.020	35.519	0.026	35.543	0.047	35.580	0.072
30.291	-0.087	30.322	-0.103	30.345	-0.136	30.367	-0.176	35.607	0.104	35.541	0.105	35.663	0.105	35.679	0.105
30.392	-0.213	30.422	-0.229	30.452	-0.254	30.475	-0.270	35.702	0.106	35.718	0.106	35.748	0.110	35.768	0.110
30.458	-0.319	30.521	-0.363	30.545	-0.420	30.577	-0.445	35.791	0.139	35.824	0.150	35.850	0.176	35.879	0.181
30.605	-0.420	30.630	-0.408	30.659	-0.413	30.702	-0.453	35.915	0.177	35.940	0.177	35.966	0.169	35.950	0.149
30.734	-0.478	30.756	-0.462	30.790	-0.401	30.823	-0.377	36.004	0.133	36.016	0.141	36.032	0.101	36.054	0.076
30.854	-0.336	30.888	-0.292	30.914	-0.268	30.948	-0.231	36.077	0.048	36.101	0.020	36.126	-0.021	36.149	-0.045
30.972	-0.215	31.002	-0.195	31.035	-0.212	31.066	-0.216	36.173	-0.065	36.187	-0.069	36.223	-0.061	36.247	-0.053
31.093	-0.216	31.126	-0.188	31.150	-0.135	31.181	-0.099	36.267	-0.036	36.287	-0.026	36.310	-0.004	36.330	-0.004
31.207	-0.075	31.231	-0.063	31.248	-0.047	31.277	-0.047	36.352	-0.008	36.370	-0.032	36.390	-0.088	36.408	-0.117
31.300	-0.047	31.325	-0.051	31.349	-0.072	31.382	-0.088	36.430	-0.178	36.450	-0.226	36.468	-0.263	36.450	-0.215
31.404	-0.113	31.425	-0.137	31.452	-0.149	31.483	-0.141	36.513	-0.259	36.541	-0.198	36.567	-0.161	36.586	-0.149
31.520	-0.117	31.550	-0.105	31.587	-0.150	31.605	-0.191	36.604	-0.157	36.628	-0.154	36.648	-0.230	36.669	-0.259
31.640	-0.215	31.669	-0.179	31.700	-0.110	31.729	-0.070	36.653	-0.293	36.716	-0.218	36.743	-0.319	36.768	-0.295
31.762	-0.026	31.785	0.019	31.818	0.071	31.847	0.099	36.755	-0.263	36.817	-0.219	36.835	-0.194	36.851	-0.173
31.867	0.120	31.886	0.115	31.910	0.115	31.925	0.107	36.869	-0.186	36.893	-0.154	36.911	-0.190	36.928	-0.141
31.967	0.087	32.003	0.115	32.035	0.131	32.065	0.147	36.949	-0.104	36.968	-0.072	36.987	-0.060	37.007	-0.032
32.105	0.163	32.141	0.223	32.166	0.256	32.193	0.255	37.038	-0.116	37.059	-0.213	37.072	-0.254	37.084	-0.331
32.212	0.255	32.244	0.263	32.274	0.231	32.299	0.178	37.101	-0.356	37.116	-0.444	37.137	-0.481	37.161	-0.424
32.330	0.141	32.354	0.109	32.383	0.104	32.401	0.116	37.177	-0.363	37.189	-0.306	37.207	-0.257	37.221	-0.225
32.425	0.149	32.448	0.157	32.475	0.136	32.501	0.099	37.241	-0.249	37.264	-0.277	37.299	-0.326	37.321	-0.366

37.346	-0.386	37.367	-0.407	37.388	-0.439	37.411	-0.451	42.412	0.001	42.434	0.001	42.455	-0.015	42.483	-0.023
37.438	-0.467	37.461	-0.467	37.484	-0.430	37.500	-0.374	42.509	-0.038	42.534	-0.066	42.561	-0.086	42.586	-0.086
37.522	-0.349	37.555	-0.337	37.582	-0.337	37.616	-0.316	42.609	-0.065	42.628	-0.053	42.651	-0.028	42.677	-0.021
37.641	-0.263	37.664	-0.214	37.693	-0.190	37.704	-0.194	42.708	0.026	42.728	0.026	42.759	0.014	42.782	0.014
37.730	-0.235	37.760	-0.287	37.790	-0.270	37.816	-0.222	42.818	0.015	42.845	0.015	42.876	0.020	42.910	0.020
37.839	-0.185	37.858	-0.136	37.884	-0.075	37.910	0.025	42.947	0.012	42.979	0.069	43.006	0.001	43.038	-0.019
37.935	-0.002	37.962	0.014	37.986	0.019	38.005	0.037	43.065	-0.027	43.095	-0.051	43.129	-0.071	43.157	-0.054
38.032	0.027	38.047	0.023	38.070	0.011	38.092	-0.005	43.185	-0.029	43.212	-0.017	43.246	-0.020	43.270	-0.032
38.110	-0.013	38.137	-0.025	38.155	-0.041	38.178	-0.077	43.313	-0.052	43.337	-0.048	43.362	-0.047	43.389	-0.047
38.198	-0.093	38.217	-0.093	38.242	-0.068	38.261	-0.020	43.415	-0.063	43.446	-0.067	43.469	-0.066	43.500	-0.054
38.281	0.065	38.300	0.037	38.324	0.062	38.350	0.054	43.534	-0.037	43.562	0.010	43.589	-0.008	43.620	-0.003
38.373	0.034	38.395	0.014	38.421	0.006	38.443	0.006	43.658	0.001	43.687	0.014	43.724	0.022	43.765	0.055
38.468	0.027	38.493	0.028	38.516	0.024	38.543	0.029	43.789	0.048	43.816	0.036	43.844	0.040	43.872	0.045
38.559	0.025	38.582	0.062	38.602	0.103	38.619	0.156	43.903	0.057	43.930	0.070	43.958	0.051	43.958	0.107
38.639	0.168	38.645	0.197	38.666	0.185	38.686	0.186	44.022	0.112	44.045	0.132	44.089	0.141	44.117	0.109
33.704	0.162	38.726	0.166	38.756	0.191	38.783	0.220	44.143	0.077	44.160	0.056	44.155	0.049	44.223	0.049
38.805	0.233	38.832	0.245	38.848	0.250	38.865	0.274	44.262	0.054	44.275	0.042	44.282	0.026	44.292	0.042
38.879	0.275	38.896	0.316	38.917	0.308	38.931	0.308	44.298	0.030	44.310	0.014	44.320	0.006	44.331	-0.014
38.946	0.280	38.967	0.268	38.985	0.244	39.006	0.229	44.343	-0.035	44.354	-0.034	44.363	-0.042	44.372	-0.054
39.030	0.223	39.055	0.217	39.076	0.214	39.101	0.186	44.384	-0.062	44.442	-0.082	44.454	-0.082	44.471	-0.082
39.132	0.142	39.148	0.142	39.162	0.122	39.191	0.151	44.430	-0.082	44.502	-0.053	44.520	-0.053	44.536	-0.041
39.223	0.213	39.238	0.229	39.263	0.242	39.280	0.222	44.487	-0.082	44.553	-0.048	44.581	-0.033	44.597	-0.037
39.300	0.186	39.312	0.150	39.330	0.126	39.344	0.081	44.553	-0.041	44.625	-0.033	44.642	-0.033	44.658	-0.033
39.363	0.066	39.382	0.034	39.401	0.014	39.422	-0.018	44.611	-0.037	44.681	-0.033	44.656	-0.028	44.710	-0.024
39.442	-0.051	39.463	-0.075	39.483	-0.087	39.496	-0.091	44.670	-0.033	44.742	-0.032	44.757	-0.040	44.774	-0.037
39.516	-0.075	39.541	-0.058	39.563	-0.050	39.590	-0.030	44.726	-0.028	44.806	-0.031	44.822	-0.053	44.834	-0.053
39.616	-0.013	39.638	-0.013	39.654	-0.013	39.671	-0.013	44.790	-0.069	44.865	-0.057	44.885	-0.053	44.901	-0.080
39.691	-0.013	39.710	-0.013	39.727	-0.021	39.750	-0.016	44.847	-0.057	44.935	-0.076	44.949	-0.080	44.954	-0.080
39.772	-0.020	39.790	-0.045	39.808	-0.057	39.823	-0.093	44.920	-0.080	44.975	-0.076	44.987	-0.080	45.000	-0.080
39.852	-0.101	39.874	-0.125	39.900	-0.161	39.923	-0.165	44.964	-0.080	45.015	-0.080	45.028	-0.072	45.042	-0.068
39.950	-0.173	39.976	-0.149	39.998	-0.145	40.020	-0.144	45.009	-0.080	45.071	-0.054	45.051	-0.052	45.108	-0.040
40.138	-0.165	40.060	-0.189	40.078	-0.193	40.103	-0.189	45.055	-0.068	45.134	-0.032	45.148	-0.032	45.164	-0.032
40.146	-0.164	40.166	-0.164	40.166	-0.156	40.183	-0.180	45.122	-0.036	45.191	-0.036	45.207	-0.044	45.224	-0.056
40.203	-0.188	40.232	-0.228	40.260	-0.256	40.283	-0.264	45.179	-0.036	45.254	-0.048	45.270	-0.040	45.285	-0.056
40.299	-0.212	40.331	-0.257	40.354	-0.321	40.377	-0.325	45.240	-0.048	45.323	-0.048	45.345	-0.048	45.356	-0.048
40.407	-0.308	40.426	-0.268	40.459	-0.227	40.485	-0.210	45.303	-0.048	45.381	-0.054	45.396	-0.080	45.415	-0.092
40.511	-0.214	40.536	-0.222	40.572	-0.217	40.601	-0.201	45.367	-0.060	45.445	-0.101	45.458	-0.101	45.470	-0.109
40.628	-0.204	40.645	-0.188	40.661	-0.204	40.687	-0.195	45.433	-0.101	45.519	-0.054	45.506	-0.084	45.520	-0.056
40.715	-0.187	40.739	-0.158	40.771	-0.142	40.791	-0.117	45.488	-0.080	45.568	0.053	45.572	-0.028	45.584	-0.024
40.814	-0.109	40.829	-0.109	40.846	-0.104	40.872	-0.112	45.544	-0.036	45.627	-0.007	45.644	0.025	45.658	0.009
40.857	-0.104	40.916	-0.099	40.947	-0.067	40.976	-0.054	45.612	-0.011	45.697	0.058	45.714	0.058	45.732	0.066
41.002	-0.082	41.028	-0.054	41.043	-0.050	41.065	-0.013	45.675	0.029	45.778	0.066	45.809	0.074	45.826	0.102
41.054	0.016	41.109	0.036	41.132	0.036	41.150	0.029	45.757	0.078	45.867	0.058	45.884	0.058	45.906	0.090
41.185	-0.012	41.214	-0.011	41.245	-0.017	41.272	0.009	45.847	0.102	45.954	0.054	45.970	0.074	45.989	0.062
41.299	0.042	41.321	0.046	41.339	0.047	41.351	0.043	45.933	0.066	46.015	0.033	46.036	0.025	46.056	0.021
41.372	0.075	41.399	0.104	41.428	0.133	41.455	0.133	46.002	0.045	46.105	0.045	46.124	0.062	46.146	0.086
41.480	0.125	41.506	0.105	41.530	0.097	41.551	0.098	46.081	0.029	46.178	0.106	46.201	0.094	46.223	0.090
41.569	0.102	41.591	0.114	41.620	0.151	41.641	0.160	46.162	0.102	46.280	0.086	46.257	0.054	46.319	0.110
41.661	0.160	41.690	0.152	41.708	0.148	41.728	0.148	46.250	0.078	46.362	0.151	46.382	0.155	46.402	0.171
41.749	0.153	41.772	0.153	41.793	0.161	41.811	0.158	46.343	0.130	46.445	0.207	46.459	0.211	46.476	0.219
41.831	0.154	41.856	0.130	41.876	0.110	41.908	0.094	46.425	0.179	46.516	0.227	46.540	0.223	46.556	0.207
41.938	0.034	41.958	0.055	41.986	0.099	42.000	0.087	46.455	0.231	46.585	0.182	46.602	0.178	46.622	0.178
42.027	0.084	42.057	0.084	42.080	0.084	42.109	0.087	46.512	0.203	46.661	0.178	46.676	0.178	46.692	0.182
42.138	0.110	42.173	0.127	42.184	0.094	42.202	0.095	46.638	0.178	46.729	0.186	46.743	0.186	46.760	0.182
42.222	0.034	42.242	0.039	42.259	0.014	42.288	0.023	46.711	0.186	46.821	0.178	46.841	0.161	46.841	0.153
42.314	0.040	42.329	0.040	42.351	0.044	42.382	0.025	46.782	0.182	46.861	0.178	46.881	0.161	46.881	0.153

46.558	0.141	46.873	0.125	46.889	0.108	46.905	0.092	51.150	-0.071	51.171	-0.079	51.187	-0.088	51.208	-0.096
46.920	0.080	46.935	0.067	46.947	0.055	46.962	0.043	51.231	-0.104	51.255	-0.116	51.285	-0.121	51.309	-0.117
46.981	0.042	46.997	0.042	47.017	0.042	47.017	0.042	51.328	-0.121	51.353	-0.125	51.381	-0.130	51.410	-0.130
47.024	0.042	47.033	0.046	47.043	0.050	47.059	0.049	51.436	-0.130	51.464	-0.130	51.492	-0.118	51.516	-0.094
47.068	0.049	47.076	0.057	47.091	0.045	47.104	0.033	51.540	-0.066	51.560	-0.045	51.582	-0.026	51.606	-0.025
47.116	0.028	47.132	0.016	47.148	0.005	47.164	-0.017	51.634	-0.021	51.664	-0.017	51.682	-0.026	51.703	-0.034
47.180	-0.037	47.194	-0.058	47.209	-0.078	47.221	-0.070	51.729	-0.054	51.752	-0.054	51.780	-0.046	51.799	-0.042
47.237	-0.087	47.253	-0.087	47.271	-0.091	47.288	-0.100	51.820	-0.034	51.836	-0.030	51.853	-0.034	51.870	-0.034
47.301	-0.100	47.316	-0.092	47.333	-0.096	47.352	-0.093	51.883	-0.043	51.905	-0.043	51.925	-0.035	51.948	-0.023
47.367	-0.089	47.380	-0.081	47.397	-0.085	47.412	-0.073	51.971	-0.023	51.988	-0.019	52.009	-0.007	52.026	-0.003
47.428	-0.069	47.447	-0.057	47.465	-0.048	47.484	-0.042	52.043	-0.003	52.062	-0.003	52.081	-0.004	52.104	-0.024
47.502	-0.034	47.521	-0.030	47.537	-0.031	47.553	-0.027	52.126	-0.040	52.144	-0.037	52.169	-0.065	52.195	-0.057
47.568	-0.027	47.584	-0.035	47.599	-0.036	47.630	-0.056	52.222	-0.049	52.244	-0.037	52.275	-0.038	52.303	-0.038
47.650	-0.077	47.669	-0.085	47.687	-0.102	47.705	-0.106	52.333	-0.038	52.360	-0.038	52.380	-0.038	52.404	-0.039
47.726	-0.111	47.750	-0.111	47.770	-0.111	47.791	-0.116	52.436	-0.035	52.459	-0.023	52.479	-0.011	52.495	-0.007
47.812	-0.132	47.833	-0.141	47.847	-0.141	47.867	-0.141	52.519	-0.008	52.545	0.000	52.571	0.004	52.593	0.008
47.885	-0.138	47.901	-0.134	47.914	-0.134	47.930	-0.138	52.613	0.012	52.631	0.023	52.649	0.031	52.675	0.035
47.949	-0.146	47.968	-0.147	47.989	-0.147	48.007	-0.155	52.695	0.023	52.712	0.010	52.727	0.002	52.750	-0.006
48.025	-0.147	48.048	-0.139	48.067	-0.131	48.097	-0.123	52.775	-0.011	52.798	-0.011	52.822	-0.011	52.851	-0.008
48.117	-0.136	48.142	-0.148	48.164	-0.156	48.197	-0.148	52.881	-0.004	52.905	0.008	52.927	0.028	52.950	0.040
48.225	-0.136	48.251	-0.133	48.268	-0.129	48.279	-0.113	52.974	0.048	52.997	0.040	53.017	0.032	53.037	0.019
48.307	-0.101	48.327	-0.089	48.345	-0.077	48.364	-0.077	53.061	0.007	53.090	0.014	53.114	0.007	53.131	0.026
48.386	-0.077	48.407	-0.077	48.429	-0.081	48.453	-0.069	53.156	-0.006	53.180	-0.014	53.205	-0.026	53.231	-0.026
48.476	-0.053	48.501	-0.033	48.524	-0.013	48.546	-0.009	53.255	-0.019	53.282	-0.011	53.309	0.005	53.328	0.013
48.567	-0.009	48.594	-0.021	48.614	-0.021	48.641	-0.017	53.350	0.013	53.373	0.017	53.400	0.021	53.425	0.029
48.667	-0.009	48.685	0.007	48.711	0.019	48.737	0.031	53.451	0.033	53.470	0.041	53.486	0.045	53.504	0.045
48.761	0.035	48.779	0.043	48.798	0.047	48.817	0.051	53.525	0.045	53.547	0.041	53.574	0.037	53.598	0.032
48.841	0.055	48.861	0.067	48.883	0.071	48.901	0.075	53.626	0.028	53.645	0.028	53.664	0.024	53.681	0.024
48.925	0.083	48.946	0.087	48.966	0.087	48.984	0.091	53.712	0.028	53.736	0.020	53.761	0.020	53.788	0.028
49.004	0.094	49.025	0.094	49.043	0.102	49.067	0.094	53.818	0.028	53.842	0.031	53.870	0.027	53.899	0.015
49.079	0.090	49.092	0.090	49.104	0.090	49.115	0.082	53.925	0.011	53.950	-0.006	53.972	-0.014	53.998	-0.014
49.131	0.090	49.148	0.077	49.164	0.077	49.180	0.073	54.032	-0.015	54.048	-0.031	54.075	-0.043	54.103	-0.052
49.166	0.073	49.218	0.073	49.239	0.085	49.261	0.089	54.126	-0.060	54.147	-0.073	54.169	-0.085	54.195	-0.089
49.282	0.089	49.301	0.093	49.315	0.093	49.326	0.084	54.211	-0.097	54.233	-0.098	54.254	-0.098	54.281	-0.098
49.343	0.105	49.364	0.104	49.387	0.108	49.414	0.100	54.303	-0.090	54.327	-0.086	54.350	-0.087	54.365	-0.087
49.439	0.088	49.456	0.084	49.478	0.079	49.498	0.079	54.363	-0.091	54.421	-0.063	54.449	-0.084	54.474	-0.076
49.524	0.107	49.546	0.083	49.562	0.095	49.582	0.099	54.496	-0.084	54.515	-0.085	54.543	-0.089	54.566	-0.094
49.600	0.107	49.623	0.106	49.645	0.106	49.668	0.106	54.552	-0.058	54.616	-0.102	54.640	-0.099	54.665	-0.087
49.689	0.106	49.714	0.106	49.739	0.114	49.764	0.117	54.693	-0.083	54.721	-0.080	54.743	-0.076	54.771	-0.072
49.785	0.125	49.806	0.133	49.829	0.133	49.852	0.137	54.757	-0.073	54.825	-0.077	54.844	-0.081	54.860	-0.086
49.875	0.137	49.901	0.137	49.927	0.136	49.951	0.136	54.886	-0.090	54.911	-0.111	54.934	-0.123	54.958	-0.135
49.979	0.128	50.000	0.119	50.020	0.099	50.042	0.087	54.979	-0.135	55.009	-0.111	55.037	-0.091	55.057	-0.083
50.063	0.078	50.079	0.054	50.107	0.041	50.121	0.037	55.074	-0.080	55.092	-0.080	55.116	-0.088	55.137	-0.112
50.140	0.033	50.157	0.029	50.173	0.020	50.193	0.012	55.160	-0.129	55.185	-0.141	55.210	-0.154	55.235	-0.154
50.206	0.004	50.226	-0.008	50.239	-0.017	50.265	-0.009	55.263	-0.150	55.286	-0.142	55.306	-0.134	55.320	-0.130
50.285	-0.009	50.300	-0.001	50.318	-0.001	50.334	-0.001	55.340	-0.126	55.363	-0.118	55.387	-0.123	55.412	-0.127
50.364	-0.010	50.382	-0.022	50.394	-0.041	50.413	-0.043	55.437	-0.127	55.456	-0.127	55.469	-0.127	55.485	-0.127
50.438	-0.043	50.459	-0.043	50.477	-0.044	50.495	-0.048	55.511	-0.124	55.525	-0.120	55.542	-0.120	55.560	-0.116
50.515	-0.048	50.535	-0.044	50.561	-0.041	50.579	-0.029	55.517	-0.116	55.552	-0.112	55.567	-0.104	55.618	-0.104
50.601	-0.033	50.629	-0.033	50.652	-0.021	50.675	-0.022	55.628	-0.104	55.637	-0.104	55.639	-0.104	55.644	-0.104
50.695	-0.014	50.714	-0.010	50.730	-0.010	50.744	-0.010	55.650	-0.104	55.650	-0.104	55.650	-0.104	55.650	-0.104
50.762	-0.023	50.782	-0.023	50.802	-0.023	50.813	-0.027								
50.833	-0.020	50.851	-0.020	50.868	-0.016	50.888	-0.024								
50.908	-0.016	50.927	-0.017	50.941	-0.025	50.958	-0.013								
50.978	-0.025	50.998	-0.037	51.020	-0.042	51.044	-0.058								
51.064	-0.058	51.086	-0.062	51.110	-0.067	51.129	-0.067								

71.085 2/9/71 0600PST L.A. 1880 CENTURY PARK EAST 7TH FL DOWN

3675 PCINTS 55.700 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1352 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.026	0.056	-0.026	0.016	-0.083	0.024	-0.113	1.633	0.199	1.640	0.251	1.651	0.299	1.659	0.269
0.037	-0.113	0.047	-0.113	0.055	-0.195	0.067	-0.044	1.665	0.142	1.678	0.020	1.687	-0.062	1.694	-0.093
0.072	-0.026	0.081	0.026	0.091	0.044	0.098	0.065	1.703	-0.075	1.712	0.020	1.719	0.103	1.726	0.155
0.104	0.078	0.114	0.122	0.121	0.109	0.139	0.100	1.736	0.273	1.742	0.312	1.749	0.356	1.759	0.343
0.149	0.052	0.160	-0.009	0.168	-0.035	0.178	0.005	1.769	0.238	1.775	0.134	1.781	-0.001	1.785	-0.119
0.186	0.044	0.195	0.066	0.206	0.122	0.215	0.131	1.791	-0.197	1.795	-0.263	1.801	-0.311	1.806	-0.324
0.224	0.114	0.234	0.061	0.247	0.040	0.257	0.022	1.815	-0.293	1.821	-0.267	1.828	-0.157	1.835	-0.136
0.268	-0.026	0.277	-0.065	0.288	-0.091	0.298	-0.091	1.841	-0.084	1.845	-0.054	1.855	-0.049	1.861	0.003
0.307	-0.060	0.315	-0.021	0.336	0.018	0.336	-0.030	1.893	0.051	1.902	0.168	1.910	0.147	1.923	0.155
0.347	-0.078	0.359	-0.060	0.377	-0.034	0.395	-0.012	1.933	0.134	1.945	0.155	1.953	0.181	1.968	0.190
0.412	-0.068	0.423	0.044	0.436	0.110	0.446	0.118	1.978	0.088	1.996	0.081	2.012	0.007	2.026	-0.076
0.459	0.140	0.465	0.166	0.481	0.193	0.496	0.184	2.036	-0.159	2.048	-0.180	2.063	-0.141	2.085	-0.015
0.505	0.175	0.517	0.119	0.530	0.084	0.536	0.075	2.101	0.046	2.115	0.124	2.125	0.176	2.134	0.211
0.557	0.110	0.568	0.114	0.575	0.114	0.593	0.045	2.149	0.176	2.161	0.111	2.172	0.076	2.180	0.124
0.610	-0.016	0.623	-0.086	0.636	-0.169	0.650	-0.216	2.190	0.211	2.200	0.272	2.211	0.324	2.221	0.337
0.665	-0.251	0.678	-0.225	0.692	-0.103	0.704	-0.020	2.238	0.324	2.251	0.253	2.264	0.158	2.277	-0.025
0.711	0.045	0.719	0.106	0.726	0.154	0.741	0.150	2.289	-0.229	2.300	-0.312	2.307	-0.325	2.316	-0.282
0.753	0.158	0.765	0.163	0.779	0.137	0.789	0.141	2.325	-0.113	2.336	-0.064	2.346	0.014	2.351	0.045
0.803	0.163	0.821	0.119	0.834	0.067	0.844	0.028	2.359	0.053	2.375	0.027	2.394	0.001	2.415	0.001
0.852	0.010	0.862	0.058	0.876	0.154	0.884	0.220	2.429	0.001	2.444	0.018	2.453	0.014	2.461	0.053
0.891	0.233	0.899	0.202	0.908	0.124	0.920	-0.090	2.469	0.131	2.481	0.168	2.490	0.118	2.503	0.201
0.930	-0.158	0.940	-0.299	0.947	-0.329	0.956	-0.342	2.516	0.153	2.530	0.127	2.549	0.118	2.564	0.113
0.965	-0.320	0.969	-0.277	0.980	-0.129	0.987	-0.002	2.576	0.087	2.588	0.017	2.598	-0.048	2.608	-0.074
0.994	0.080	1.001	0.155	1.008	0.202	1.016	0.233	2.615	-0.048	2.624	-0.018	2.633	-0.079	2.641	0.026
1.028	0.202	1.042	0.154	1.052	0.124	1.064	0.067	2.647	0.026	2.656	-0.018	2.663	-0.079	2.670	-0.149
1.074	0.037	1.082	0.037	1.091	0.102	1.100	0.181	2.680	-0.179	2.684	-0.188	2.691	-0.179	2.698	-0.149
1.106	0.272	1.111	0.368	1.118	0.425	1.125	0.460	2.708	-0.044	2.719	0.043	2.732	0.147	2.741	0.256
1.132	0.455	1.142	0.377	1.153	0.224	1.160	0.116	2.749	0.317	2.758	0.373	2.764	0.404	2.772	0.404
1.167	-0.006	1.176	-0.159	1.185	-0.254	1.196	-0.337	2.781	0.364	2.791	0.251	2.800	0.125	2.808	0.055
1.206	-0.315	1.213	-0.228	1.217	-0.146	1.225	-0.045	2.817	0.020	2.828	0.029	2.842	0.072	2.862	0.107
1.233	0.081	1.238	0.128	1.245	0.159	1.255	0.177	2.872	0.094	2.886	-0.002	2.900	-0.111	2.914	0.168
1.258	0.146	1.270	0.037	1.279	-0.080	1.286	-0.167	2.929	-0.239	2.941	-0.277	2.956	-0.325	2.965	-0.333
1.296	-0.189	1.308	-0.193	1.320	-0.166	1.329	-0.023	2.977	-0.290	2.985	-0.165	2.994	-0.046	3.010	0.194
1.339	0.055	1.346	0.112	1.353	0.138	1.361	0.147	3.019	0.311	3.026	0.329	3.033	0.346	3.046	0.289
1.370	0.125	1.383	0.167	1.393	0.116	1.408	0.181	3.058	0.172	3.065	0.119	3.075	0.063	3.084	0.002
1.417	0.229	1.424	0.247	1.428	0.256	1.441	0.208	3.092	-0.020	3.100	-0.011	3.112	0.032	3.123	0.093
1.453	0.125	1.468	0.084	1.480	0.064	1.494	0.025	3.130	0.137	3.141	0.159	3.157	0.102	3.170	0.028
1.508	-0.014	1.526	-0.036	1.537	-0.045	1.550	-0.006	3.184	-0.059	3.196	-0.129	3.205	-0.133	3.215	-0.103
1.560	0.047	1.572	0.073	1.581	0.086	1.592	0.047	3.224	-0.063	3.233	0.002	3.240	0.045	3.251	0.076
1.601	0.020	1.607	0.007	1.615	0.042	1.624	0.099	3.259	0.041	3.273	-0.037	3.284	-0.081	3.294	-0.116

3.311	-0.020	3.324	0.072	3.337	0.159	3.349	0.228	5.660	0.015	5.670	0.119	5.675	0.207	5.685	0.281
3.358	0.254	3.365	0.254	3.374	0.207	3.384	0.133	5.693	0.333	5.701	0.340	5.709	0.359	5.720	0.307
3.392	0.037	3.403	-0.002	3.413	-0.007	3.429	-0.002	5.736	0.106	5.749	-0.003	5.761	-0.042	5.770	-0.042
3.440	-0.020	3.449	-0.072	3.457	-0.072	3.462	0.129	5.781	0.002	5.792	0.036	5.806	0.110	5.818	0.189
3.473	0.085	3.483	0.019	3.492	0.089	3.499	0.124	5.826	0.260	5.832	0.257	5.841	0.367	5.850	0.371
3.509	0.137	3.520	0.124	3.531	0.106	3.544	0.128	5.861	0.332	5.867	0.188	5.877	0.045	5.884	-0.069
3.559	0.154	3.574	0.080	3.586	0.010	3.610	-0.016	5.893	-0.117	5.902	-0.102	5.919	-0.005	5.932	0.043
3.622	-0.055	3.635	-0.134	3.645	-0.203	3.656	-0.229	5.914	-0.004	5.916	0.014	5.926	0.005	5.936	0.000
3.671	-0.203	3.684	-0.116	3.697	-0.034	3.713	0.062	5.912	-0.008	5.928	-0.017	5.938	-0.039	5.948	-0.048
3.724	0.119	3.733	0.171	3.745	0.202	3.752	0.215	5.936	0.022	5.946	0.061	5.956	0.148	5.965	0.209
3.765	0.175	3.781	0.119	3.787	0.106	3.820	0.158	5.972	0.261	5.975	0.305	5.985	0.287	5.995	0.287
3.812	0.197	3.822	0.214	3.833	0.175	3.848	0.066	5.999	0.143	6.017	-0.018	6.027	0.175	6.036	-0.205
3.863	-0.051	3.876	-0.073	3.888	-0.047	3.902	-0.012	6.046	-0.236	6.055	-0.232	6.066	-0.214	6.076	-0.223
3.916	-0.021	3.933	0.012	3.946	-0.021	3.961	-0.034	6.081	-0.245	6.091	0.058	6.101	0.151	6.111	0.076
3.973	-0.004	3.984	0.079	3.995	0.209	4.004	0.279	6.114	0.029	6.124	0.146	6.134	0.076	6.144	0.190
4.011	0.296	4.017	0.274	4.030	0.192	4.044	0.061	6.148	-0.046	6.156	-0.003	6.166	0.079	6.176	0.024
4.055	-0.013	4.066	-0.048	4.084	-0.070	4.095	-0.057	6.166	0.241	6.172	0.306	6.182	0.264	6.192	0.172
4.105	0.043	4.114	0.160	4.122	0.261	4.129	0.313	6.180	0.108	6.186	0.216	6.196	0.260	6.206	0.281
4.138	0.343	4.149	0.299	4.161	0.125	4.173	-0.019	6.216	-0.358	6.224	0.244	6.234	0.057	6.244	0.021
4.186	-0.115	4.196	-0.158	4.214	-0.145	4.232	-0.137	6.256	-0.270	6.264	0.358	6.274	0.393	6.284	-0.152
4.247	-0.154	4.260	-0.189	4.271	-0.233	4.282	-0.242	6.286	-0.358	6.294	-0.358	6.304	-0.079	6.314	0.021
4.295	-0.216	4.311	-0.150	4.320	-0.059	4.333	0.058	6.316	0.108	6.324	0.164	6.334	0.079	6.344	0.021
4.346	0.185	4.354	0.228	4.364	0.241	4.377	0.176	6.340	0.108	6.346	0.216	6.356	0.260	6.366	0.281
4.388	0.101	4.397	0.062	4.400	0.058	4.407	0.101	6.370	0.163	6.376	0.176	6.386	0.264	6.396	0.172
4.416	0.184	4.425	0.240	4.435	0.284	4.451	0.184	6.396	0.280	6.404	0.202	6.414	0.067	6.424	-0.016
4.470	0.031	4.486	-0.060	4.503	-0.113	4.517	-0.130	6.426	-0.165	6.434	-0.235	6.444	-0.274	6.454	-0.213
4.533	-0.100	4.546	0.027	4.558	0.170	4.568	0.292	6.456	-0.178	6.464	-0.187	6.474	-0.157	6.484	-0.048
4.578	0.340	4.584	0.349	4.593	0.327	4.608	0.205	6.486	0.178	6.494	0.309	6.504	0.326	6.514	0.291
4.618	0.131	4.625	0.092	4.635	0.087	4.651	0.087	6.516	0.252	6.524	0.162	6.534	0.326	6.544	0.291
4.657	0.087	4.669	0.057	4.685	0.005	4.695	-0.026	6.546	0.123	6.554	0.003	6.564	-0.065	6.574	0.206
4.709	-0.022	4.717	0.009	4.723	0.070	4.731	0.140	6.576	-0.055	6.584	0.063	6.594	0.065	6.604	0.129
4.740	0.183	4.747	0.183	4.763	0.122	4.777	0.044	6.606	0.116	6.614	0.103	6.624	0.168	6.634	0.211
4.757	-0.017	4.812	-0.061	4.821	-0.105	4.834	-0.148	6.636	0.185	6.644	0.180	6.654	0.106	6.664	-0.051
4.844	-0.148	4.854	-0.126	4.865	-0.061	4.874	-0.018	6.666	-0.531	6.674	-0.378	6.684	-0.478	6.694	-0.522
4.875	-0.000	4.892	-0.022	4.907	-0.052	4.925	-0.048	6.696	-0.453	6.704	-0.500	6.714	-0.500	6.724	-0.518
4.944	-0.039	4.957	-0.022	4.966	0.048	4.974	0.131	6.726	0.413	6.734	0.452	6.744	0.126	6.754	0.348
4.982	0.213	4.990	0.279	4.999	0.309	5.011	0.256	6.756	0.483	6.764	0.552	6.774	0.613	6.784	0.552
5.024	0.261	5.036	0.179	5.045	0.113	5.052	0.061	6.786	0.447	6.794	0.578	6.804	0.630	6.814	0.678
5.058	0.066	5.067	0.114	5.078	0.218	5.083	0.279	6.816	0.574	6.824	0.173	6.834	-0.119	6.844	-0.703
5.089	0.305	5.095	0.331	5.104	0.305	5.112	0.236	6.846	-1.230	6.854	-1.330	6.864	-1.348	6.874	-1.056
5.125	0.131	5.134	0.048	5.146	0.005	5.162	-0.021	6.876	-0.468	6.884	-0.020	6.894	0.455	6.904	0.646
5.175	-0.004	5.184	-0.017	5.195	-0.034	5.206	-0.021	6.906	0.468	6.914	0.533	6.924	0.276	6.934	0.136
5.223	-0.008	5.234	-0.008	5.244	-0.012	5.257	0.027	6.926	0.110	6.934	0.106	6.944	0.275	6.954	0.550
5.272	0.058	5.286	0.080	5.301	0.032	5.316	-0.003	6.946	0.645	6.954	0.658	6.964	0.519	6.974	0.118
5.332	-0.016	5.341	-0.007	5.354	0.084	5.365	0.163	6.976	0.078	6.984	-0.231	6.994	0.318	6.999	-0.318
5.375	0.169	5.382	0.202	5.398	0.163	5.411	0.124	6.996	-0.366	6.999	-0.344	7.009	-0.244	7.019	0.074
5.426	0.058	5.435	0.019	5.447	-0.024	5.456	-0.002	7.021	0.276	7.029	0.352	7.039	0.387	7.049	0.261
5.466	0.050	5.473	0.085	5.482	0.093	5.494	0.032	7.041	0.468	7.049	0.406	7.059	0.247	7.069	0.308
5.503	-0.076	5.515	-0.164	5.524	-0.268	5.535	-0.290	7.061	0.130	7.069	0.108	7.079	0.487	7.089	0.434
5.545	-0.294	5.556	-0.238	5.567	-0.146	5.581	-0.007	7.081	0.378	7.089	-0.231	7.099	0.461	7.109	0.454
5.594	0.146	5.604	0.263	5.613	0.329	5.621	0.342	7.111	-0.127	7.119	-0.341	7.129	-0.437	7.139	-0.454
5.635	0.324	5.645	0.329	5.655	0.333	5.665	0.342	7.141	0.454	7.149	0.389	7.159	-0.237	7.169	-0.110
5.673	0.324	5.689	0.167	5.703	0.054	5.717	-0.063	7.171	0.011	7.179	0.011	7.189	0.020	7.199	0.003
5.733	-0.190	5.743	-0.203	5.751	-0.203	5.765	-0.154	7.201	-0.058	7.209	-0.111	7.219	-0.076	7.229	-0.019
5.773	-0.151	5.782	-0.094	5.787	-0.072	5.794	-0.055	7.231	0.059	7.239	0.077	7.249	0.090	7.259	0.033
5.812	-0.072	5.824	-0.094	5.834	-0.137	5.848	-0.072	7.261	-0.067	7.269	-0.158	7.279	-0.320	7.289	-0.342

8.386	-0.342	8.394	-0.342	8.408	-0.172	8.423	-0.020	11.045	-0.307	11.046	-0.307	11.050	-0.268	11.052	-0.251
8.436	0.115	8.449	0.146	8.464	0.076	8.477	0.090	11.054	-0.229	11.058	-0.203	11.061	-0.190	11.066	-0.168
8.488	0.199	8.494	-0.212	8.511	0.142	8.524	0.045	11.068	-0.147	11.073	-0.133	11.075	-0.112	11.086	-0.090
8.536	0.167	8.543	0.254	8.553	0.284	8.573	0.302	11.089	-0.077	11.092	-0.073	11.097	-0.073	11.098	-0.073
8.583	0.341	8.595	0.397	8.608	0.436	8.630	0.384	11.100	-0.082	11.104	-0.065	11.107	-0.111	11.111	-0.138
8.641	0.310	8.654	0.218	8.669	-0.004	8.679	-0.165	11.116	-0.143	11.120	-0.160	11.124	-0.178	11.131	-0.178
8.697	-0.231	8.710	-0.274	8.720	-0.309	8.734	-0.248	11.140	-0.191	11.148	-0.191	11.153	-0.213	11.162	-0.226
8.748	-0.118	8.764	0.065	8.780	0.230	8.797	0.331	11.163	-0.226	11.172	-0.270	11.176	-0.318	11.182	-0.348
8.813	0.374	8.835	0.422	8.855	0.448	8.870	0.448	11.188	-0.374	11.191	-0.387	11.194	-0.405	11.197	-0.414
8.880	0.369	8.901	0.147	8.914	0.003	8.929	-0.093	11.204	-0.414	11.207	-0.414	11.213	-0.401	11.215	-0.379
8.953	-0.154	8.966	-0.185	8.985	-0.172	8.997	-0.207	11.220	-0.379	11.223	-0.357	11.229	-0.318	11.240	-0.275
9.009	-0.242	9.018	-0.250	9.038	-0.146	9.056	0.098	11.244	-0.231	11.250	-0.152	11.256	-0.179	11.262	-0.153
9.069	0.285	9.080	0.355	9.092	0.372	9.107	0.280	11.268	-0.157	11.275	-0.157	11.282	-0.131	11.282	-0.075
9.121	0.088	9.133	-0.042	9.142	-0.055	9.153	-0.025	11.298	-0.076	11.303	-0.018	11.310	-0.012	11.315	0.051
9.169	0.166	9.177	0.219	9.193	0.110	9.212	-0.069	11.320	0.073	11.324	0.108	11.325	0.147	11.332	0.169
9.228	-0.256	9.241	-0.370	9.254	-0.379	9.266	-0.348	11.338	0.173	11.342	0.190	11.345	0.203	11.348	0.268
9.280	-0.244	9.291	-0.153	9.303	-0.109	9.309	-0.083	11.353	0.221	11.357	0.207	11.361	0.190	11.363	0.173
9.326	-0.153	9.342	-0.271	9.353	-0.371	9.363	-0.410	11.371	0.133	11.375	0.054	11.379	0.055	11.381	0.046
9.372	-0.393	9.382	-0.245	9.397	-0.136	9.405	-0.106	11.384	-0.136	11.390	-0.037	11.393	-0.072	11.394	-0.115
9.421	-0.145	9.437	-0.245	9.446	-0.293	9.455	-0.306	11.405	-0.194	11.414	-0.268	11.420	-0.264	11.424	-0.277
9.471	-0.145	9.484	0.077	9.494	0.224	9.502	0.294	11.430	-0.264	11.437	-0.251	11.442	-0.225	11.448	-0.198
9.510	0.325	9.525	0.294	9.535	0.141	9.549	-0.046	11.453	-0.231	11.464	-0.151	11.469	-0.120	11.478	-0.107
9.561	-0.194	9.575	-0.303	9.587	-0.356	9.594	-0.378	11.482	-0.061	11.491	-0.059	11.493	-0.067	11.501	0.037
9.607	-0.343	9.620	-0.291	9.625	-0.278	9.634	-0.287	11.505	0.076	11.515	0.111	11.516	0.111	11.517	0.169
9.645	-0.287	9.657	-0.239	9.668	-0.074	9.683	0.209	11.522	0.224	11.527	0.272	11.530	0.311	11.534	0.342
9.698	0.571	9.707	0.614	9.714	0.645	9.722	0.605	11.539	0.359	11.540	0.359	11.545	0.359	11.548	0.342
9.736	0.366	9.749	0.187	9.757	0.148	9.765	0.126	11.553	0.324	11.557	0.307	11.564	0.298	11.570	0.288
9.775	0.178	9.789	0.365	9.799	0.548	9.805	0.626	11.571	0.241	11.575	0.220	11.585	0.198	11.593	0.198
9.808	0.670	9.813	0.687	9.820	0.656	9.836	0.360	11.598	0.176	11.603	0.159	11.613	0.102	11.617	0.076
9.859	-0.167	9.871	-0.424	9.881	-0.520	9.890	-0.559	11.623	0.063	11.626	0.041	11.628	0.011	11.634	-0.039
9.901	-0.538	9.916	-0.285	9.931	-0.002	9.947	0.211	11.640	-0.034	11.642	-0.017	11.652	-0.137	11.658	-0.129
9.959	0.285	9.969	0.302	9.982	0.236	9.996	0.062	11.664	-0.111	11.670	-0.107	11.676	-0.120	11.683	-0.129
10.008	0.018	10.021	-0.100	10.034	-0.174	10.047	-0.174	11.689	-0.058	11.692	-0.041	11.696	-0.055	11.700	-0.033
10.062	-0.187	10.084	0.004	10.095	0.169	10.105	0.309	11.704	-0.002	11.707	0.028	11.713	0.080	11.716	0.133
10.114	0.361	10.117	0.369	10.129	0.243	10.146	-0.132	11.719	0.172	11.722	0.246	11.725	0.289	11.737	0.355
10.162	-0.389	10.172	-0.468	10.182	-0.416	10.195	-0.250	11.738	0.424	11.750	0.442	11.757	0.464	11.763	0.485
10.206	-0.115	10.215	-0.037	10.232	-0.055	10.243	-0.107	11.770	0.485	11.776	0.477	11.781	0.464	11.787	0.442
10.261	-0.229	10.276	-0.295	10.291	-0.313	10.301	-0.278	11.794	0.424	11.802	0.341	11.802	0.363	11.808	0.329
10.310	-0.113	10.316	-0.017	10.324	0.114	10.333	0.205	11.813	0.258	11.817	0.263	11.825	0.207	11.829	0.163
10.340	0.253	10.346	0.248	10.362	0.204	10.377	0.130	11.837	0.133	11.846	0.162	11.850	0.045	11.854	0.002
10.391	0.034	10.410	-0.092	10.428	-0.193	10.444	-0.132	11.862	-0.050	11.865	-0.151	11.872	-0.177	11.874	-0.198
10.457	-0.058	10.471	0.124	10.482	0.324	10.488	0.411	11.880	-0.229	11.885	-0.246	11.892	-0.259	11.903	-0.277
10.498	0.455	10.512	0.455	10.516	0.441	10.531	0.237	11.914	-0.277	11.923	-0.259	11.929	-0.233	11.938	-0.225
10.543	0.045	10.561	-0.134	10.582	-0.226	10.583	-0.230	11.945	-0.238	11.954	-0.268	11.955	-0.268	11.967	-0.250
10.596	-0.104	10.608	0.074	10.618	0.183	10.626	0.222	11.977	-0.359	11.987	-0.258	11.993	-0.233	12.001	-0.181
10.636	0.204	10.647	0.156	10.656	0.008	10.676	-0.032	12.003	-0.129	12.011	-0.063	12.014	-0.028	12.019	0.024
10.692	0.038	10.708	0.111	10.727	0.190	10.733	0.246	12.028	0.059	12.036	0.067	12.035	0.067	12.045	0.094
10.747	0.272	10.758	0.241	10.774	0.057	10.791	-0.121	12.053	0.128	12.062	0.142	12.068	0.163	12.078	0.168
10.804	-0.239	10.819	-0.282	10.834	-0.322	10.849	-0.287	12.084	0.168	12.092	0.181	12.096	0.203	12.106	0.220
10.861	-0.240	10.873	-0.048	10.886	0.182	10.897	0.330	12.114	0.229	12.123	0.224	12.128	0.190	12.136	0.172
10.904	0.422	10.913	0.435	10.935	0.304	10.936	0.304	12.144	0.142	12.149	0.103	12.154	0.055	12.160	0.029
10.941	0.264	10.946	0.242	10.952	0.229	10.958	0.199	12.164	-0.024	12.172	-0.072	12.180	-0.154	12.188	-0.211
10.960	-0.203	10.976	0.185	10.979	0.164	10.984	0.129	12.194	-0.246	12.200	-0.276	12.211	-0.276	12.224	-0.263
10.990	0.076	10.991	0.076	10.992	0.076	11.004	-0.059	12.230	-0.262	12.244	-0.262	12.257	-0.272	12.263	-0.272
11.009	-0.089	11.013	-0.124	11.020	-0.198	11.025	-0.272	12.273	-0.272	12.282	-0.289	12.289	-0.307	12.308	-0.280
11.030	-0.294	11.034	-0.303	11.037	-0.320	11.040	-0.316	12.314	-0.211	12.323	-0.171	12.333	-0.202	12.339	-0.228



12.342	-0.237	12.348	-0.259	12.351	-0.272	12.365	-0.263	13.958	-0.454	13.571	-0.450	13.579	-0.459	13.987	-0.450
12.375	-0.219	12.380	-0.202	12.390	-0.228	12.408	-0.232	13.987	-0.450	13.995	-0.354	14.004	-0.267	14.010	-0.189
12.415	-0.241	12.423	-0.271	12.441	-0.298	12.452	-0.250	14.017	-0.110	14.023	-0.054	14.029	-0.003	14.034	-0.038
12.466	-0.237	12.477	-0.154	12.484	-0.102	12.487	-0.071	14.041	0.086	14.052	0.120	14.059	0.094	14.067	0.064
12.487	-0.071	12.486	-0.071	12.493	-0.019	12.501	0.064	14.075	0.090	14.087	0.112	14.090	0.094	14.096	-0.006
12.505	0.116	12.509	0.173	12.514	0.225	12.516	0.286	14.105	0.033	14.118	0.016	14.127	0.024	14.140	0.064
12.518	0.356	12.523	0.430	12.530	0.482	12.535	0.521	14.150	0.068	14.163	0.016	14.165	-0.050	14.181	-0.119
12.544	0.538	12.553	0.525	12.566	0.473	12.572	0.416	14.186	-0.141	14.193	-0.167	14.206	-0.163	14.213	-0.115
12.576	0.355	12.581	0.251	12.582	0.186	12.588	0.116	14.219	-0.089	14.225	-0.067	14.234	-0.063	14.238	-0.089
12.588	0.068	12.596	-0.015	12.602	-0.054	12.609	-0.080	14.238	-0.089	14.255	-0.058	14.259	-0.141	14.261	-0.194
12.620	-0.093	12.628	-0.045	12.630	-0.010	12.638	0.029	14.267	-0.233	14.273	-0.276	14.273	-0.250	14.277	-0.316
12.649	0.064	12.661	0.107	12.668	0.142	12.676	0.203	14.281	-0.359	14.290	-0.377	14.296	-0.377	14.299	-0.381
12.680	0.242	12.691	0.229	12.699	0.194	12.704	0.133	14.309	-0.364	14.316	-0.311	14.320	-0.294	14.325	-0.272
12.710	0.085	12.716	0.037	12.725	-0.024	12.729	-0.102	14.331	-0.233	14.334	-0.220	14.341	-0.163	14.349	-0.137
12.735	-0.159	12.740	-0.228	12.742	-0.250	12.747	-0.294	14.356	-0.129	14.362	-0.150	14.371	-0.181	14.378	-0.168
12.759	-0.258	12.770	-0.276	12.779	-0.242	12.789	-0.202	14.386	-0.233	14.392	-0.238	14.393	-0.238	14.410	-0.168
12.798	-0.128	12.804	-0.085	12.809	-0.072	12.811	-0.046	14.419	-0.054	14.424	-0.033	14.432	0.041	14.437	0.089
12.817	-0.046	12.824	-0.085	12.829	-0.102	12.838	-0.089	14.441	0.133	14.446	0.180	14.449	0.220	14.454	0.241
12.846	-0.107	12.848	-0.120	12.855	-0.172	12.865	-0.198	14.467	0.246	14.476	0.206	14.481	0.185	14.493	0.141
12.868	-0.190	12.869	-0.190	12.875	-0.181	12.880	-0.137	14.504	0.114	14.520	0.053	14.537	0.076	14.557	0.045
12.886	-0.085	12.890	-0.033	12.895	0.046	12.900	0.089	14.568	0.014	14.581	-0.034	14.598	-0.034	14.614	0.036
12.905	0.124	12.914	0.181	12.922	0.233	12.932	0.259	14.622	0.093	14.629	0.106	14.632	0.171	14.638	0.223
12.974	0.050	12.985	0.202	12.998	-0.046	13.007	-0.119	14.644	0.280	14.654	0.323	14.667	0.432	14.676	0.423
13.014	-0.086	13.024	-0.142	13.035	-0.134	13.040	-0.094	14.707	0.171	14.716	0.140	14.723	0.110	14.737	0.109
13.050	-0.046	13.059	-0.051	13.071	-0.073	13.079	-0.112	14.754	0.114	14.774	0.122	14.780	0.131	14.787	0.109
13.083	-0.147	13.091	-0.177	13.099	-0.225	13.104	-0.231	14.793	0.092	14.799	0.061	14.808	0.031	14.817	0.005
13.117	-0.247	13.126	-0.217	13.136	-0.121	13.138	-0.077	14.832	0.005	14.851	-0.009	14.874	0.030	14.884	0.030
13.144	-0.003	13.146	0.058	13.151	0.023	13.156	0.049	14.887	0.026	14.894	0.004	14.902	-0.022	14.909	-0.079
13.159	0.092	13.162	0.132	13.170	0.118	13.173	0.066	14.924	-0.100	14.937	-0.056	14.950	-0.022	14.952	-0.061
13.181	0.010	13.199	-0.043	13.209	-0.108	13.216	-0.160	14.970	-0.000	14.980	0.017	14.986	0.074	14.993	0.104
13.223	-0.182	13.232	-0.152	13.240	-0.065	13.252	-0.013	15.001	0.134	15.012	0.165	15.019	0.178	15.025	0.165
13.253	-0.013	13.257	0.001	13.264	0.048	13.267	0.101	15.030	0.143	15.036	0.117	15.042	0.066	15.049	0.047
13.272	0.127	13.275	0.140	13.276	0.140	13.276	0.209	15.054	0.021	15.062	-0.027	15.071	-0.045	15.084	-0.016
13.282	0.218	13.287	0.222	13.289	0.196	13.299	0.175	15.056	-0.001	15.111	-0.018	15.119	-0.045	15.124	-0.106
13.303	0.131	13.306	0.061	13.309	0.026	13.316	-0.048	15.133	-0.167	15.140	-0.232	15.151	-0.328	15.159	-0.367
13.324	-0.105	13.330	-0.157	13.337	-0.161	13.343	-0.174	15.167	-0.376	15.182	-0.345	15.183	-0.345	15.195	-0.280
13.343	-0.174	13.344	-0.174	13.345	-0.174	13.346	-0.235	15.211	-0.193	15.221	-0.154	15.227	-0.071	15.240	-0.028
13.349	-0.218	13.350	-0.183	13.352	-0.131	13.357	-0.152	15.242	0.033	15.249	0.068	15.262	0.077	15.270	0.059
13.361	-0.131	13.365	-0.087	13.367	-0.078	13.369	-0.035	15.254	0.029	15.304	0.007	15.322	-0.019	15.330	-0.015
13.376	-0.004	13.379	0.048	13.382	0.074	13.391	0.091	15.345	-0.015	15.354	0.046	15.365	0.085	15.377	0.120
13.405	0.117	13.413	0.122	13.419	0.109	13.420	0.109	15.364	0.150	15.356	0.150	15.413	0.120	15.421	0.093
13.427	0.083	13.437	0.048	13.445	0.030	13.452	0.026	15.430	0.059	15.471	-0.017	15.477	-0.046	15.481	-0.090
13.441	0.052	13.474	0.039	13.481	0.078	13.485	0.104	15.466	-0.094	15.471	-0.015	15.477	-0.046	15.481	-0.090
13.494	0.139	13.495	0.178	13.500	0.204	13.508	0.196	15.498	-0.046	15.508	-0.042	15.521	0.023	15.525	0.071
13.511	0.187	13.524	0.182	13.529	0.152	13.535	0.130	15.532	0.080	15.538	0.101	15.549	0.101	15.556	0.084
13.550	0.074	13.558	0.026	13.576	0.017	13.584	0.005	15.568	0.053	15.581	0.018	15.594	0.014	15.604	-0.008
13.611	-0.022	13.629	-0.001	13.645	0.034	13.658	0.052	15.614	-0.017	15.624	-0.030	15.636	-0.030	15.643	-0.039
13.669	0.023	13.682	0.025	13.697	-0.053	13.713	-0.040	15.657	-0.017	15.676	-0.021	15.692	-0.030	15.709	-0.030
13.724	-0.014	13.735	0.025	13.742	0.077	13.748	0.134	15.742	-0.031	15.756	-0.039	15.772	-0.053	15.780	-0.061
13.756	0.191	13.773	0.243	13.788	0.256	13.801	0.234	15.788	-0.079	15.798	-0.068	15.802	-0.105	15.813	-0.105
13.807	0.166	13.813	0.156	13.814	0.156	13.816	0.117	15.825	-0.105	15.834	-0.075	15.847	-0.031	15.856	-0.001
13.822	0.082	13.825	0.038	13.830	-0.023	13.841	-0.023	15.807	0.021	15.834	0.077	15.854	0.103	15.860	0.134
13.848	-0.040	13.854	-0.049	13.862	-0.093	13.879	-0.154	15.919	0.151	15.927	0.173	15.943	0.182	15.958	0.142
13.895	-0.193	13.907	-0.241	13.916	-0.263	13.923	-0.302	15.960	0.138	15.960	0.133	15.976	0.094	15.985	0.064
13.932	-0.337	13.937	-0.372	13.940	-0.419	13.946	-0.450	15.957	-0.028	16.004	-0.071	16.012	-0.124	16.018	-0.150

16.025	-0.180	16.034	-0.211	16.045	-0.215	16.052	-0.216	18.763	0.039	18.769	0.042	18.775	-0.001	18.792	-0.071
16.037	-0.207	16.077	-0.185	16.085	-0.137	16.085	-0.137	18.801	-0.137	18.812	-0.158	18.827	-0.219	18.848	-0.169
16.087	-0.107	16.088	-0.107	16.088	-0.107	16.088	-0.107	18.871	-0.111	18.882	-0.154	18.892	-0.215	18.914	-0.169
16.094	-0.024	16.095	-0.007	16.100	0.028	16.105	0.072	18.931	0.085	18.952	0.085	18.971	0.228	18.996	0.219
16.106	0.072	16.108	0.124	16.111	0.150	16.114	0.185	19.013	0.158	19.033	0.166	19.054	0.049	19.072	-0.008
16.119	0.215	16.121	0.246	16.127	0.272	16.134	0.289	19.102	-0.047	19.120	-0.056	19.142	-0.131	19.150	-0.161
16.145	0.289	16.162	0.272	16.167	0.224	16.175	0.180	19.150	-0.161	19.156	-0.179	19.165	-0.166	19.178	-0.109
16.180	0.049	16.190	0.115	16.203	0.088	16.217	0.080	19.189	-0.122	19.198	-0.101	19.211	-0.057	19.232	-0.037
16.234	0.046	16.250	0.014	16.277	-0.034	16.295	-0.025	19.246	-0.033	19.255	0.043	19.266	0.050	19.279	0.138
16.319	-0.021	16.333	-0.047	16.351	-0.052	16.362	-0.052	19.253	0.177	19.267	0.212	19.320	0.199	19.335	0.160
16.373	-0.039	16.397	-0.039	16.404	-0.022	16.411	-0.044	19.348	0.120	19.368	0.085	19.389	0.068	19.395	0.050
16.415	-0.018	16.418	0.052	16.420	0.122	16.424	0.174	19.413	0.033	19.425	-0.015	19.436	0.020	19.446	0.064
16.431	0.130	16.437	0.082	16.444	0.091	16.455	0.130	19.466	-0.033	19.487	0.019	19.510	0.058	19.528	0.084
16.466	0.136	16.480	0.148	16.494	0.174	16.502	0.183	19.548	0.014	19.568	-0.013	19.595	0.004	19.614	-0.009
16.515	0.135	16.522	0.143	16.541	0.174	16.550	0.130	19.642	-0.009	19.665	0.021	19.687	0.004	19.705	-0.014
16.561	0.073	16.580	0.039	16.590	-0.022	16.603	-0.070	19.716	-0.027	19.726	-0.062	19.758	-0.028	19.772	-0.015
16.611	-0.105	16.638	-0.136	16.661	-0.140	16.661	-0.140	19.789	-0.037	19.801	-0.059	19.822	-0.085	19.838	-0.133
16.690	-0.110	16.703	-0.049	16.710	0.008	16.721	0.051	19.859	-0.186	19.882	-0.155	19.893	-0.125	19.903	-0.090
16.733	0.082	16.740	0.104	16.752	0.086	16.764	0.051	19.935	-0.066	19.959	-0.060	19.976	-0.034	20.002	0.013
16.773	0.001	16.780	-0.049	16.798	-0.057	16.813	-0.127	20.021	0.026	20.031	0.009	20.047	-0.030	20.067	-0.087
16.829	-0.114	16.852	-0.088	16.870	-0.110	16.890	-0.136	20.076	-0.126	20.097	-0.161	20.124	-0.218	20.142	-0.257
16.902	-0.167	16.910	-0.223	16.923	-0.254	16.938	-0.276	20.157	-0.258	20.175	-0.249	20.206	-0.171	20.221	-0.115
16.952	-0.245	16.961	-0.206	16.988	-0.163	16.978	-0.093	20.242	-0.053	20.259	-0.020	20.277	-0.068	20.294	-0.077
16.989	0.003	17.000	0.085	17.018	0.107	17.039	0.059	20.322	0.058	20.350	0.063	20.365	0.037	20.377	0.011
17.061	0.020	17.084	-0.011	17.098	-0.028	17.128	-0.081	20.355	-0.059	20.405	-0.058	20.430	-0.116	20.450	-0.107
17.178	-0.103	17.194	-0.137	17.221	-0.151	17.248	-0.167	20.468	-0.107	20.554	-0.129	20.570	-0.138	20.523	-0.108
17.233	-0.116	17.239	-0.081	17.257	-0.029	17.263	0.041	20.539	0.064	20.555	-0.021	20.570	0.036	20.578	0.066
17.271	0.060	17.276	0.110	17.287	0.123	17.301	0.102	20.589	0.071	20.600	0.053	20.619	0.044	20.638	0.048
17.301	0.102	17.314	0.049	17.326	0.049	17.326	-0.029	20.658	0.095	20.677	-0.030	20.686	-0.061	20.693	-0.083
17.338	-0.073	17.340	-0.073	17.350	-0.121	17.361	-0.134	20.706	-0.122	20.727	-0.179	20.744	-0.187	20.764	-0.140
17.375	-0.125	17.389	-0.112	17.398	-0.073	17.407	-0.051	20.772	-0.109	20.785	-0.074	20.795	-0.066	20.801	0.008
17.421	-0.034	17.436	-0.025	17.454	-0.026	17.465	-0.030	20.814	0.039	20.828	0.056	20.836	0.121	20.849	0.160
17.480	0.018	17.493	0.039	17.502	0.061	17.511	0.074	20.866	0.156	20.887	0.130	20.902	0.103	20.920	0.029
17.520	0.069	17.534	0.056	17.541	0.034	17.555	0.008	20.939	-0.006	20.955	-0.010	20.965	-0.050	20.974	-0.132
17.569	0.003	17.584	-0.005	17.600	0.055	17.606	0.068	20.993	-0.076	21.001	-0.176	21.002	-0.176	21.024	-0.107
17.617	0.030	17.635	0.142	17.645	0.164	17.655	0.177	21.042	-0.090	21.059	-0.055	21.083	-0.016	21.095	-0.021
17.664	0.176	17.672	0.159	17.690	0.124	17.695	0.102	21.107	-0.064	21.122	-0.043	21.132	-0.003	21.153	0.027
17.711	0.049	17.719	0.023	17.731	-0.029	17.747	-0.051	21.172	0.035	21.183	0.040	21.192	-0.026	21.201	-0.055
17.756	-0.064	17.771	-0.108	17.786	-0.095	17.798	-0.095	21.214	-0.105	21.230	-0.140	21.248	-0.131	21.253	-0.114
17.829	-0.083	17.845	-0.057	17.866	-0.044	17.883	-0.049	21.320	-0.038	21.333	-0.016	21.349	0.003	21.363	-0.028
17.911	-0.036	17.911	-0.045	17.923	-0.062	17.937	-0.067	21.379	0.024	21.393	0.055	21.414	0.050	21.443	0.015
17.967	-0.132	17.981	-0.132	17.981	-0.176	17.991	-0.198	21.549	0.010	21.554	-0.016	21.471	-0.029	21.506	-0.029
18.009	-0.181	18.025	-0.181	18.035	-0.172	18.030	-0.129	21.644	0.036	21.668	0.117	21.691	0.108	21.706	0.077
18.046	-0.064	18.053	-0.064	18.053	-0.025	18.061	0.023	21.707	0.077	21.725	-0.014	21.746	-0.028	21.765	0.032
18.081	0.075	18.099	0.088	18.110	0.088	18.110	0.088	21.783	0.011	21.796	0.055	21.809	0.107	21.829	0.101
18.133	0.005	18.148	0.013	18.167	0.022	18.167	0.022	21.848	0.067	21.863	0.023	21.881	-0.025	21.887	-0.033
18.194	-0.018	18.214	-0.022	18.240	-0.023	18.240	-0.023	21.911	-0.016	21.936	0.027	21.966	0.036	21.996	0.108
18.267	-0.357	18.275	-0.158	18.293	-0.172	18.293	-0.172	22.022	0.061	22.044	0.109	22.068	0.118	22.089	0.100
18.319	-0.085	18.326	-0.050	18.335	0.002	18.335	0.002	22.091	-0.034	22.126	-0.004	22.137	-0.065	22.154	-0.105
18.412	-0.090	18.426	-0.151	18.440	-0.160	18.440	-0.160	22.167	0.144	22.181	-0.170	22.184	-0.179	22.185	-0.183
18.465	-0.100	18.475	-0.056	18.484	-0.034	18.484	-0.034	22.186	-0.166	22.190	-0.218	22.193	-0.249	22.198	-0.279
18.510	-0.104	18.524	-0.157	18.541	-0.252	18.541	-0.252	22.209	-0.135	22.221	-0.153	22.236	-0.131	22.253	-0.136
18.571	-0.240	18.588	-0.200	18.605	-0.135	18.605	-0.135	22.275	-0.127	22.288	-0.136	22.305	-0.084	22.321	-0.049
18.639	-0.009	18.657	0.056	18.670	0.130	18.670	0.130	22.325	-0.049	22.344	-0.001	22.366	0.012	22.380	-0.043
18.694	0.178	18.722	0.225	18.734	0.230	18.746	0.212	22.330	-0.049	22.344	-0.001	22.366	0.012	22.380	-0.043

22.391	-0.084	22.404	-0.097	22.415	-0.149	22.431	-0.210	27.437	0.035	27.455	0.056	27.415	0.061	27.500	0.026
22.453	-0.206	22.477	-0.219	22.493	-0.210	22.507	-0.219	27.519	0.009	27.538	0.030	27.574	0.087	27.606	0.096
22.519	-0.219	22.533	-0.215	22.550	-0.223	22.564	-0.206	27.628	0.100	27.644	0.056	27.667	0.148	27.691	0.114
22.586	-0.176	22.604	-0.128	22.619	-0.084	22.637	-0.049	27.717	0.044	27.729	0.026	27.739	0.013	27.761	0.067
22.657	-0.054	22.677	-0.093	22.696	-0.149	22.708	-0.215	27.776	-0.034	27.799	-0.030	27.814	-0.043	27.832	0.005
22.724	-0.271	22.743	-0.302	22.757	-0.302	22.775	-0.276	27.853	0.044	27.886	0.015	27.902	0.063	27.924	0.092
22.767	-0.237	22.789	-0.223	22.822	-0.162	22.844	-0.119	27.947	0.044	27.987	0.001	28.000	0.038	28.020	0.016
22.864	-0.075	22.881	-0.023	22.897	-0.006	22.912	-0.010	28.026	-0.007	28.048	-0.007	28.069	-0.033	28.089	-0.068
22.930	-0.032	22.945	-0.058	22.958	-0.084	22.982	-0.132	28.108	-0.076	28.138	-0.065	28.161	-0.067	28.185	-0.068
23.003	-0.106	23.025	-0.067	23.046	-0.054	23.065	-0.067	28.206	-0.058	28.226	-0.058	28.245	-0.058	28.265	-0.041
23.086	-0.076	23.104	-0.054	23.134	-0.050	23.150	-0.024	28.263	-0.010	28.301	-0.006	28.322	-0.040	28.346	-0.092
23.170	-0.024	23.190	-0.037	23.211	-0.006	23.224	-0.002	28.371	-0.010	28.403	-0.019	28.417	-0.057	28.437	-0.131
23.252	0.033	23.273	0.059	23.291	0.024	23.310	0.037	28.457	-0.061	28.482	-0.000	28.501	-0.001	28.520	-0.031
23.333	-0.107	23.352	-0.137	23.372	-0.085	23.394	0.024	28.544	-0.092	28.560	-0.136	28.569	-0.171	28.602	-0.184
23.406	0.076	23.424	0.128	23.442	0.115	23.463	0.032	28.614	-0.171	28.637	-0.158	28.655	-0.119	28.675	-0.084
23.478	-0.007	23.495	-0.024	23.530	0.019	23.552	-0.016	28.697	-0.045	28.716	-0.054	28.740	-0.041	28.764	-0.067
23.515	-0.060	23.530	-0.103	23.615	-0.121	23.649	-0.043	28.781	-0.067	28.790	-0.054	28.808	-0.072	28.828	-0.072
23.681	0.031	23.714	-0.017	23.740	-0.008	23.756	0.009	28.852	-0.059	28.876	-0.046	28.905	-0.020	28.927	-0.072
23.783	0.009	23.805	0.009	23.824	-0.017	23.849	0.074	28.944	-0.120	28.966	-0.173	28.982	-0.208	28.998	-0.072
23.974	-0.066	24.005	-0.109	24.027	-0.144	24.056	-0.171	29.085	-0.104	29.104	-0.074	29.118	-0.039	29.145	-0.026
24.064	-0.193	24.104	-0.153	24.129	-0.167	24.160	-0.123	29.168	-0.027	29.190	-0.071	29.210	-0.039	29.245	-0.026
24.180	-0.088	24.208	-0.058	24.230	-0.058	24.256	-0.019	29.242	-0.210	29.255	-0.219	29.275	-0.189	29.298	-0.141
24.285	-0.045	24.315	-0.072	24.337	-0.063	24.355	-0.059	29.325	-0.076	29.346	-0.061	29.368	-0.072	29.392	-0.073
24.374	-0.085	24.398	-0.050	24.436	-0.032	24.467	0.023	29.415	-0.069	29.433	-0.073	29.450	-0.072	29.465	-0.086
24.450	-0.020	24.516	-0.055	24.535	-0.086	24.565	-0.090	29.492	-0.078	29.512	-0.065	29.532	-0.056	29.547	-0.035
24.592	-0.077	24.616	-0.021	24.637	-0.004	24.667	-0.021	29.568	-0.035	29.583	-0.026	29.598	-0.044	29.620	-0.018
24.687	-0.056	24.712	-0.030	24.736	-0.013	24.766	-0.039	29.639	-0.018	29.661	-0.018	29.673	-0.027	29.695	-0.062
24.793	-0.079	24.838	-0.088	24.845	-0.097	24.875	-0.040	29.706	-0.003	29.725	-0.049	29.748	-0.027	29.770	-0.006
24.891	-0.023	24.920	-0.007	24.953	-0.045	24.976	-0.058	29.786	-0.003	29.800	-0.033	29.818	-0.019	29.837	-0.045
25.004	0.011	25.036	0.055	25.064	0.007	25.087	-0.033	29.858	-0.076	29.876	-0.076	29.891	-0.076	29.905	-0.068
25.108	-0.068	25.132	-0.064	25.167	-0.042	25.182	-0.016	29.943	-0.050	29.962	-0.059	29.985	-0.090	30.011	-0.142
25.204	-0.025	25.231	-0.021	25.258	-0.012	25.302	-0.004	30.034	-0.050	30.050	-0.134	30.076	-0.164	30.096	-0.195
25.333	-0.048	25.365	-0.087	25.402	-0.109	25.431	-0.135	30.113	-0.212	30.139	-0.159	30.158	-0.186	30.177	-0.143
25.471	-0.105	25.458	-0.092	25.528	-0.092	25.544	-0.105	30.199	-0.112	30.215	-0.073	30.236	-0.052	30.254	-0.069
25.571	-0.058	25.594	-0.036	25.620	-0.020	25.662	0.016	30.278	-0.069	30.308	-0.113	30.338	-0.122	30.366	-0.122
25.657	-0.067	25.722	-0.128	25.734	-0.115	25.755	-0.155	30.359	-0.122	30.424	-0.122	30.454	-0.074	30.479	-0.057
25.775	-0.090	25.803	-0.055	25.835	-0.081	25.853	-0.055	30.456	-0.066	30.518	-0.056	30.545	-0.110	30.572	-0.114
25.875	0.010	25.885	0.032	25.925	0.040	25.932	0.066	30.557	-0.105	30.623	-0.088	30.661	-0.053	30.679	-0.049
25.971	0.075	25.986	0.040	26.007	0.009	26.016	-0.030	30.705	-0.054	30.730	-0.045	30.752	-0.036	30.773	-0.041
26.038	-0.043	26.054	-0.070	26.068	-0.052	26.086	-0.048	30.803	-0.054	30.827	-0.041	30.855	-0.051	30.886	-0.050
26.116	-0.018	26.130	-0.009	26.147	-0.027	26.162	-0.018	30.915	-0.055	30.938	-0.050	30.965	-0.051	30.988	-0.051
26.194	-0.057	26.213	-0.075	26.238	-0.027	26.262	-0.014	31.018	-0.064	31.037	-0.064	31.064	-0.047	31.089	-0.056
26.281	-0.067	26.308	-0.158	26.327	-0.185	26.348	-0.141	31.113	-0.086	31.135	-0.108	31.164	-0.117	31.202	-0.061
26.372	-0.080	26.392	-0.037	26.418	-0.046	26.434	-0.050	31.222	-0.065	31.244	-0.065	31.265	-0.066	31.299	-0.022
26.475	-0.007	26.504	-0.029	26.527	-0.055	26.549	-0.068	31.324	0.012	31.356	-0.005	31.388	-0.045	31.411	-0.053
26.570	-0.081	26.596	-0.077	26.622	-0.103	26.643	-0.116	31.439	-0.062	31.454	-0.062	31.469	-0.071	31.497	-0.041
26.667	-0.086	26.683	-0.060	26.713	-0.025	26.737	0.010	31.525	-0.002	31.543	-0.020	31.571	-0.011	31.595	-0.033
26.759	0.034	26.772	0.045	26.796	-0.016	26.815	-0.086	31.614	-0.029	31.637	-0.046	31.653	-0.059	31.686	-0.060
26.831	-0.147	26.848	-0.182	26.882	-0.147	26.909	-0.112	31.711	-0.068	31.731	-0.047	31.759	-0.038	31.781	-0.030
26.919	-0.099	26.938	-0.104	26.962	-0.086	26.979	-0.047	31.767	-0.017	31.836	-0.048	31.860	-0.052	31.884	-0.057
26.958	0.009	27.013	0.022	27.037	-0.004	27.066	-0.065	31.910	-0.035	31.941	-0.031	31.960	-0.018	31.992	-0.066
27.092	-0.126	27.111	-0.139	27.130	-0.135	27.147	-0.178	32.016	-0.114	32.047	-0.162	32.074	-0.114	32.090	-0.062
27.169	-0.148	27.195	-0.100	27.225	-0.048	27.245	-0.061	32.114	-0.019	32.134	-0.010	32.159	-0.028	32.188	-0.032
27.265	-0.061	27.297	-0.039	27.316	-0.035	27.329	-0.026	32.211	-0.041	32.250	-0.072	32.270	-0.081	32.301	-0.064
27.350	-0.044	27.375	-0.083	27.396	-0.105	27.417	-0.044	32.331	-0.064	32.364	-0.066	32.389	-0.073	32.404	-0.069

32.433	-0.108	32.425	-0.130	32.477	-0.091	32.499	-0.030	37.231	-0.048	37.250	-0.013	37.268	0.009	37.293	0.052
32.517	0.000	32.545	-0.039	32.575	-0.092	32.608	-0.096	37.315	0.061	37.342	-0.021	37.370	-0.004	37.395	-0.034
32.631	-0.127	32.656	-0.132	32.682	-0.110	32.719	-0.058	37.408	-0.043	37.429	-0.038	37.438	-0.055	37.457	-0.003
32.757	-0.089	32.774	-0.089	32.774	-0.128	32.800	-0.159	37.475	-0.016	37.501	-0.007	37.524	-0.016	37.547	-0.033
32.822	-0.155	32.845	-0.142	32.865	-0.134	32.884	-0.138	37.569	-0.033	37.595	-0.023	37.615	-0.037	37.627	-0.020
32.903	-0.134	32.931	-0.125	32.958	-0.139	32.984	-0.138	37.637	-0.037	37.656	-0.028	37.677	-0.015	37.698	-0.032
33.014	-0.130	33.025	-0.126	33.054	-0.148	33.092	-0.174	37.722	-0.028	37.748	-0.010	37.770	-0.001	37.792	-0.012
33.112	-0.165	33.128	-0.126	33.150	-0.100	33.167	-0.100	37.812	-0.136	37.830	-0.180	37.848	-0.162	37.867	-0.127
33.190	-0.104	33.211	-0.126	33.221	-0.139	33.232	-0.165	37.889	-0.070	37.910	-0.035	37.939	-0.013	37.956	-0.004
33.241	-0.174	33.248	-0.191	33.255	-0.191	33.260	-0.200	37.980	-0.043	38.010	-0.055	38.032	-0.055	38.053	-0.051
33.270	-0.213	33.284	-0.226	33.302	-0.209	33.321	-0.174	38.071	-0.064	38.093	-0.073	38.110	-0.073	38.132	-0.046
33.339	-0.148	33.354	-0.144	33.375	-0.161	33.389	-0.170	38.160	-0.029	38.190	-0.029	38.203	-0.028	38.218	-0.063
33.412	-0.170	33.433	-0.161	33.455	-0.157	33.474	-0.144	38.239	-0.085	38.263	-0.115	38.287	-0.119	38.306	-0.123
33.458	-0.130	33.517	-0.122	33.536	-0.130	33.559	-0.147	38.311	-0.097	38.332	-0.058	38.350	-0.023	38.376	-0.014
33.575	-0.138	33.604	-0.121	33.631	-0.103	33.651	-0.133	38.401	-0.014	38.425	-0.027	38.440	-0.026	38.466	-0.056
33.672	-0.106	33.690	-0.194	33.712	-0.172	33.736	-0.146	38.482	-0.069	38.505	-0.086	38.520	-0.054	38.545	-0.050
33.753	-0.106	33.772	-0.098	33.792	-0.106	33.811	-0.106	38.568	-0.006	38.595	-0.038	38.618	-0.022	38.638	-0.079
33.825	-0.097	33.843	-0.058	33.861	-0.049	33.874	-0.053	38.654	-0.113	38.671	-0.130	38.691	-0.059	38.713	-0.051
33.855	-0.092	33.914	-0.131	33.938	-0.118	33.967	-0.091	38.734	-0.024	38.753	-0.037	38.771	-0.050	38.789	-0.067
34.052	-0.038	34.073	-0.034	34.093	-0.056	34.115	-0.060	38.818	-0.027	38.832	-0.005	38.848	-0.013	38.866	-0.017
34.133	-0.073	34.149	-0.077	34.170	-0.085	34.197	-0.107	38.887	-0.086	38.906	-0.056	38.930	-0.081	38.945	-0.046
34.215	-0.054	34.242	-0.080	34.270	-0.063	34.291	-0.067	38.964	-0.045	38.990	-0.040	39.007	-0.027	39.033	-0.022
34.310	-0.058	34.324	-0.067	34.350	-0.018	34.376	-0.018	39.061	-0.013	39.083	-0.038	39.107	-0.042	39.138	-0.042
34.390	-0.014	34.415	-0.044	34.435	-0.066	34.454	-0.066	39.161	-0.024	39.182	-0.015	39.205	-0.023	39.229	-0.009
34.470	-0.078	34.494	-0.070	34.512	-0.043	34.538	-0.017	39.256	0.009	39.274	0.014	39.299	0.040	39.326	0.045
34.551	-0.026	34.580	-0.026	34.596	-0.030	34.625	-0.017	39.353	0.055	39.374	0.051	39.398	0.047	39.420	0.008
34.652	-0.012	34.670	-0.012	34.693	-0.043	34.715	-0.073	39.446	0.004	39.469	0.022	39.488	0.004	39.512	-0.008
34.729	-0.095	34.754	-0.086	34.780	-0.055	34.808	-0.033	39.535	-0.017	39.562	-0.013	39.593	0.014	39.622	0.010
34.829	-0.060	34.850	-0.081	34.863	-0.081	34.878	-0.094	39.650	0.023	39.678	0.041	39.692	0.045	39.723	0.019
34.902	-0.064	34.922	-0.063	34.944	-0.059	34.959	-0.050	39.745	0.010	39.771	-0.032	39.790	-0.015	39.814	-0.041
34.980	-0.085	34.996	-0.076	35.015	-0.053	35.042	-0.053	39.835	-0.028	39.857	-0.032	39.887	-0.010	39.914	0.012
35.066	-0.097	35.092	-0.101	35.106	-0.101	35.125	-0.092	39.937	0.020	39.959	0.016	39.991	0.016	40.011	0.017
35.145	-0.079	35.168	-0.048	35.188	-0.039	35.211	-0.052	40.029	0.025	40.045	0.043	40.065	0.039	40.089	0.026
35.233	-0.051	35.250	-0.069	35.275	-0.077	35.297	-0.081	40.111	0.008	40.133	-0.009	40.161	0.009	40.190	-0.004
35.320	-0.077	35.345	-0.063	35.366	-0.059	35.398	-0.080	40.212	0.035	40.229	0.048	40.244	0.075	40.265	0.114
35.423	-0.083	35.454	-0.075	35.476	-0.071	35.500	-0.079	40.286	0.114	40.311	0.114	40.339	0.110	40.356	0.110
35.522	-0.092	35.546	-0.083	35.565	-0.074	35.590	-0.095	40.375	0.080	40.400	0.023	40.424	0.015	40.450	0.020
35.613	-0.164	35.631	-0.103	35.656	-0.077	35.677	-0.081	40.470	0.020	40.487	0.020	40.510	0.033	40.535	0.047
35.652	-0.178	35.681	-0.156	35.698	-0.135	35.719	-0.119	40.556	0.069	40.582	0.073	40.605	0.035	40.631	0.013
35.701	-0.058	35.735	-0.137	35.757	-0.122	35.779	-0.119	40.648	-0.004	40.671	-0.004	40.692	-0.008	40.715	-0.003
35.800	-0.119	35.817	-0.127	35.839	-0.135	35.866	-0.170	40.735	-0.003	40.753	0.002	40.775	-0.007	40.796	-0.006
35.852	-0.134	35.915	-0.156	35.938	-0.130	35.965	-0.121	40.819	-0.028	40.836	-0.032	40.864	-0.032	40.887	0.012
35.998	-0.134	36.012	-0.138	36.037	-0.116	36.062	-0.112	40.904	0.017	40.933	0.052	40.958	0.065	40.984	0.044
36.078	-0.103	36.096	-0.103	36.121	-0.112	36.142	-0.107	41.004	0.005	41.045	-0.017	41.073	-0.007	41.091	0.014
36.165	-0.107	36.198	-0.098	36.227	-0.058	36.259	-0.098	41.109	0.002	41.135	0.011	41.165	0.024	41.188	0.050
36.265	-0.111	36.287	-0.098	36.305	-0.080	36.325	-0.080	41.206	0.051	41.222	0.025	41.247	0.025	41.278	0.021
36.341	-0.080	36.365	-0.084	36.385	-0.089	36.405	-0.080	41.308	-0.014	41.324	0.034	41.335	0.021	41.351	0.057
36.433	-0.088	36.457	-0.088	36.491	-0.049	36.518	-0.036	41.367	0.070	41.380	0.105	41.403	0.088	41.424	0.062
36.541	-0.041	36.556	-0.045	36.592	-0.032	36.614	-0.041	41.442	0.049	41.456	0.058	41.474	0.045	41.496	0.016
36.641	-0.045	36.667	-0.045	36.687	-0.010	36.706	-0.010	41.516	0.058	41.544	0.037	41.565	0.020	41.588	0.016
36.729	-0.015	36.753	-0.045	36.779	-0.045	36.795	-0.041	41.611	0.021	41.635	-0.001	41.654	0.004	41.682	-0.035
36.822	0.003	36.841	-0.001	36.854	-0.014	36.876	-0.001	41.656	-0.018	41.716	-0.022	41.741	0.005	41.764	0.027
36.894	0.003	36.917	0.038	36.939	0.003	36.961	-0.023	41.751	0.036	41.804	0.023	41.825	0.036	41.849	0.028
36.983	-0.045	37.002	-0.005	37.025	0.038	37.042	0.060	41.872	0.015	41.901	0.003	41.937	-0.032	41.957	-0.018
37.065	0.017	37.087	0.025	37.103	-0.005	37.124	-0.018	41.959	-0.005	42.019	0.044	42.048	0.044	42.077	0.036
37.142	-0.018	37.171	-0.048	37.193	-0.044	37.217	-0.018	42.101	0.045	42.126	0.054	42.153	0.042	42.179	0.020

42.202	0.008	42.221	-0.001	42.250	0.022	42.268	0.031	47.045	0.060	47.055	0.051	47.076	0.051	47.086	0.051	47.098	0.059
42.279	0.061	42.311	0.036	42.327	0.032	42.351	0.036	47.122	0.058	47.147	0.060	47.170	0.060	47.180	0.060	47.192	0.069
42.369	0.037	42.383	0.050	42.407	0.050	42.424	0.077	47.220	0.066	47.227	0.062	47.252	0.062	47.262	0.062	47.274	0.070
42.447	0.090	42.456	0.108	42.491	0.056	42.529	0.004	47.256	0.065	47.313	0.052	47.334	0.052	47.344	0.052	47.356	0.058
42.554	0.040	42.574	0.049	42.593	0.049	42.619	0.010	47.379	0.038	47.406	0.035	47.432	0.035	47.442	0.035	47.454	0.037
42.637	0.006	42.656	0.006	42.673	0.037	42.698	0.055	47.474	0.062	47.485	0.065	47.512	0.065	47.522	0.065	47.534	0.057
42.726	0.047	42.766	0.021	42.785	0.030	42.808	0.035	47.537	0.061	47.564	0.065	47.580	0.065	47.590	0.065	47.602	0.043
42.840	0.044	42.860	0.044	42.883	0.045	42.911	0.023	47.610	0.062	47.640	0.063	47.662	0.063	47.672	0.063	47.684	0.068
42.933	0.024	42.963	0.028	42.990	0.016	43.006	0.016	47.678	0.037	47.697	0.032	47.712	0.032	47.722	0.032	47.734	0.062
43.032	0.016	43.074	0.034	43.074	0.034	43.101	0.017	47.743	0.075	47.759	0.052	47.783	0.052	47.793	0.052	47.805	0.091
43.128	0.022	43.157	0.031	43.181	0.040	43.203	0.017	47.813	0.096	47.835	0.051	47.857	0.051	47.867	0.051	47.879	0.090
43.228	0.058	43.246	0.058	43.264	0.058	43.289	0.067	47.857	0.081	47.916	0.058	47.926	0.058	47.936	0.058	47.948	0.076
43.314	0.068	43.336	0.055	43.365	0.025	43.388	0.012	47.966	0.084	47.990	0.089	48.009	0.089	48.019	0.089	48.031	0.110
43.405	0.012	43.442	0.078	43.463	0.065	43.487	0.066	48.043	0.097	48.064	0.088	48.080	0.088	48.090	0.088	48.102	0.075
43.516	0.040	43.543	0.067	43.569	0.089	43.597	0.076	48.120	0.079	48.140	0.052	48.163	0.052	48.173	0.052	48.185	0.117
43.617	0.081	43.644	0.081	43.673	0.069	43.697	0.056	48.120	0.079	48.140	0.052	48.163	0.052	48.173	0.052	48.185	0.117
43.730	0.091	43.755	0.105	43.776	0.105	43.799	0.084	48.208	0.086	48.234	0.117	48.250	0.117	48.260	0.117	48.272	0.055
43.828	0.084	43.847	0.084	43.874	0.093	43.893	0.094	48.283	0.086	48.361	0.163	48.378	0.163	48.388	0.163	48.400	0.090
43.916	0.068	43.941	0.042	43.955	0.064	43.980	0.060	48.418	0.067	48.435	0.076	48.458	0.076	48.468	0.076	48.480	0.076
43.957	0.065	44.021	0.074	44.040	0.074	44.061	0.070	48.504	0.071	48.522	0.058	48.542	0.058	48.552	0.058	48.564	0.071
44.089	0.040	44.106	0.057	44.125	0.080	44.152	0.089	48.589	0.075	48.605	0.071	48.629	0.071	48.639	0.071	48.651	0.066
44.171	0.071	44.189	0.076	44.204	0.076	44.222	0.076	48.686	0.066	48.710	0.066	48.735	0.066	48.745	0.066	48.757	0.066
44.245	0.077	44.259	0.077	44.274	0.077	44.286	0.077	48.789	0.066	48.808	0.061	48.823	0.061	48.836	0.061	48.848	0.052
44.258	0.095	44.307	0.055	44.314	0.095	44.321	0.095	48.862	0.061	48.887	0.070	48.919	0.070	48.929	0.070	48.941	0.082
44.331	0.091	44.340	0.091	44.350	0.087	44.360	0.087	48.954	0.078	48.973	0.082	48.991	0.082	48.999	0.082	49.008	0.099
44.373	0.091	44.384	0.092	44.401	0.101	44.415	0.101	49.027	0.108	49.046	0.112	49.073	0.112	49.083	0.112	49.095	0.095
44.429	0.101	44.443	0.097	44.457	0.088	44.485	0.079	49.102	0.099	49.112	0.066	49.119	0.066	49.132	0.066	49.144	0.077
44.459	0.084	44.515	0.097	44.528	0.106	44.555	0.101	49.149	0.085	49.156	0.088	49.171	0.088	49.185	0.088	49.197	0.085
44.556	0.053	44.556	0.089	44.616	0.067	44.637	0.058	49.214	0.089	49.237	0.094	49.257	0.094	49.267	0.094	49.279	0.102
44.654	0.058	44.668	0.067	44.685	0.076	44.706	0.076	49.306	0.097	49.335	0.080	49.351	0.080	49.366	0.080	49.378	0.088
44.715	0.076	44.732	0.076	44.757	0.072	44.778	0.068	49.384	0.080	49.412	0.075	49.435	0.075	49.456	0.075	49.468	0.075
44.759	0.072	44.814	0.068	44.833	0.068	44.853	0.064	49.477	0.070	49.495	0.070	49.516	0.070	49.532	0.070	49.544	0.078
44.857	0.077	44.899	0.081	44.919	0.086	44.940	0.099	49.551	0.078	49.572	0.069	49.593	0.069	49.612	0.069	49.624	0.065
44.944	0.103	45.054	0.081	45.069	0.090	45.094	0.094	49.654	0.056	49.664	0.038	49.684	0.038	49.696	0.038	49.708	0.034
45.115	0.060	45.133	0.064	45.156	0.068	45.180	0.060	49.759	0.050	49.784	0.050	49.806	0.050	49.824	0.050	49.836	0.055
45.207	0.055	45.228	0.055	45.272	0.042	45.294	0.047	49.846	0.050	49.870	0.045	49.897	0.045	49.919	0.045	49.931	0.030
45.307	0.038	45.328	0.042	45.350	0.055	45.371	0.073	49.939	0.040	49.961	0.039	49.988	0.039	50.009	0.044	50.021	0.044
45.392	0.064	45.409	0.060	45.429	0.064	45.444	0.064	50.028	0.043	50.054	0.039	50.077	0.039	50.108	0.038	50.120	0.036
45.458	0.068	45.472	0.055	45.492	0.055	45.515	0.090	50.126	0.034	50.148	0.038	50.175	0.038	50.204	0.036	50.216	0.045
45.533	0.081	45.558	0.064	45.583	0.055	45.609	0.068	50.221	0.024	50.244	0.037	50.266	0.037	50.286	0.036	50.306	0.045
45.631	0.081	45.650	0.086	45.676	0.068	45.702	0.068	50.311	0.040	50.326	0.040	50.350	0.040	50.363	0.039	50.383	0.057
45.725	0.068	45.756	0.064	45.780	0.064	45.811	0.064	50.385	0.057	50.399	0.057	50.415	0.057	50.433	0.048	50.453	0.048
45.839	0.073	45.867	0.073	45.886	0.055	45.915	0.068	50.455	0.052	50.476	0.051	50.489	0.051	50.509	0.047	50.529	0.051
45.949	0.068	45.974	0.060	45.980	0.051	46.000	0.064	50.532	0.051	50.545	0.046	50.555	0.046	50.568	0.055	50.588	0.055
46.022	0.068	46.055	0.054	46.081	0.108	46.100	0.099	50.586	0.054	50.601	0.054	50.620	0.054	50.634	0.054	50.654	0.062
46.113	0.086	46.140	0.073	46.164	0.060	46.180	0.055	50.648	0.062	50.664	0.066	50.678	0.066	50.698	0.066	50.718	0.062
46.200	0.060	46.226	0.060	46.244	0.051	46.262	0.047	50.713	0.061	50.731	0.057	50.747	0.057	50.759	0.052	50.779	0.048
46.279	0.051	46.304	0.054	46.330	0.081	46.345	0.081	50.777	0.052	50.796	0.056	50.810	0.056	50.824	0.065	50.844	0.064
46.366	0.090	46.394	0.090	46.413	0.099	46.441	0.103	50.844	0.064	50.871	0.059	50.890	0.059	50.914	0.053	50.934	0.058
46.463	0.103	46.503	0.099	46.515	0.090	46.542	0.077	50.944	0.066	50.971	0.075	51.072	0.075	51.092	0.075	51.112	0.075
46.569	0.072	46.597	0.076	46.625	0.094	46.650	0.098	51.032	0.066	51.053	0.066	51.133	0.066	51.157	0.061	51.181	0.052
46.673	0.098	46.689	0.089	46.715	0.098	46.734	0.098	51.115	0.066	51.133	0.066	51.241	0.066	51.264	0.065	51.284	0.052
46.769	0.071	46.787	0.041	46.814	0.049	46.843	0.071	51.201	0.061	51.221	0.061	51.241	0.061	51.264	0.065	51.284	0.052
46.867	0.088	46.891	0.057	46.914	0.092	46.935	0.088	51.286	0.069	51.305	0.073	51.324	0.073	51.341	0.077	51.361	0.077
46.963	0.075	46.982	0.074	47.005	0.069	47.029	0.065	51.355	0.065	51.372	0.065	51.397	0.065	51.420	0.069	51.440	0.069

51.425	0.065	51.441	0.080	51.461	0.071	51.475	0.071
51.498	0.071	51.521	0.076	51.542	0.075	51.560	0.071
51.571	0.067	51.591	0.075	51.612	0.080	51.635	0.084
51.655	0.075	51.675	0.053	51.699	0.053	51.728	0.057
51.752	0.062	51.773	0.066	51.792	0.061	51.812	0.053
51.833	0.048	51.854	0.061	51.873	0.070	51.891	0.078
51.907	0.078	51.927	0.061	51.946	0.061	51.970	0.056
51.990	0.056	52.012	0.056	52.026	0.064	52.046	0.068
52.062	0.060	52.082	0.059	52.095	0.064	52.112	0.055
52.126	0.055	52.143	0.046	52.158	0.037	52.176	0.050
52.196	0.062	52.218	0.080	52.236	0.084	52.249	0.067
52.274	0.062	52.292	0.066	52.314	0.070	52.334	0.075
52.351	0.075	52.369	0.061	52.389	0.052	52.406	0.039
52.423	0.035	52.448	0.047	52.464	0.060	52.484	0.069
52.507	0.060	52.525	0.051	52.543	0.042	52.562	0.037
52.580	0.037	52.599	0.050	52.618	0.054	52.638	0.058
52.655	0.044	52.672	0.036	52.687	0.031	52.712	0.040
52.736	0.044	52.759	0.043	52.782	0.043	52.803	0.043
52.824	0.047	52.850	0.047	52.870	0.051	52.895	0.059
52.922	0.055	52.935	0.054	52.959	0.045	52.981	0.050
53.006	0.049	53.028	0.054	53.048	0.062	53.070	0.062
53.084	0.053	53.107	0.049	53.130	0.057	53.155	0.053
53.182	0.048	53.208	0.048	53.229	0.052	53.247	0.052
53.263	0.052	53.287	0.052	53.314	0.052	53.339	0.043
53.375	0.051	53.396	0.051	53.418	0.055	53.440	0.051
53.463	0.055	53.481	0.055	53.506	0.055	53.524	0.042
53.546	0.037	53.566	0.042	53.585	0.046	53.603	0.055
53.622	0.054	53.646	0.059	53.670	0.059	53.692	0.059
53.714	0.041	53.735	0.045	53.751	0.045	53.767	0.032
53.781	0.032	53.806	0.036	53.835	0.036	53.863	0.040
53.884	0.049	53.905	0.049	53.924	0.049	53.952	0.049
53.972	0.040	53.994	0.035	54.020	0.035	54.048	0.017
54.071	0.021	54.096	0.025	54.125	0.034	54.149	0.033
54.176	0.033	54.201	0.033	54.223	0.037	54.244	0.045
54.264	0.028	54.274	0.028	54.287	0.032	54.296	0.019
54.305	0.023	54.313	0.036	54.323	0.031	54.334	0.027
54.343	0.031	54.356	0.035	54.367	0.035	54.381	0.031
54.396	0.022	54.413	0.026	54.432	0.022	54.452	0.021
54.469	0.021	54.484	0.025	54.500	0.029	54.511	0.042
54.530	0.033	54.554	0.033	54.575	0.019	54.593	0.010
54.612	-0.003	54.633	-0.016	54.655	-0.012	54.676	-0.013
54.696	-0.009	54.713	-0.009	54.735	-0.005	54.753	-0.001
54.774	-0.001	54.797	-0.001	54.814	-0.002	54.837	-0.002
54.854	-0.002	54.878	-0.007	54.895	-0.012	54.926	-0.016
54.945	-0.017	54.971	-0.013	54.997	-0.013	55.014	-0.013
55.036	-0.009	55.064	0.004	55.079	0.004	55.103	-0.001
55.121	-0.001	55.142	0.003	55.161	0.003	55.185	0.003
55.205	-0.002	55.222	-0.006	55.240	-0.011	55.263	-0.002
55.289	0.002	55.316	0.006	55.334	0.010	55.346	0.015
55.363	0.019	55.378	0.023	55.395	0.023	55.416	0.018
55.432	0.018	55.453	0.018	55.470	0.022	55.493	0.026
55.511	0.026	55.526	0.022	55.552	0.022	55.561	0.017
55.576	0.021	55.595	0.021	55.610	0.012	55.629	0.012
55.642	0.012	55.653	0.012	55.659	0.012	55.668	0.012
55.676	0.012	55.687	0.016	55.700	0.007		

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.088	0.008	-0.096	0.015	-0.100	0.023	-0.100	1.403	-0.025	1.415	-0.033	1.425	-0.049	1.441	-0.074
0.030	-0.100	0.038	-0.088	0.045	-0.080	0.055	-0.063	1.452	-0.086	1.459	-0.090	1.473	-0.094	1.483	-0.061
0.067	-0.072	0.075	-0.068	0.083	-0.051	0.089	-0.043	1.489	-0.050	1.495	-0.058	1.505	-0.052	1.514	-0.102
0.101	-0.051	0.109	-0.055	0.118	-0.064	0.128	-0.068	1.522	-0.127	1.531	-0.106	1.541	-0.106	1.552	-0.106
0.135	-0.076	0.142	-0.080	0.151	-0.080	0.162	-0.084	1.566	-0.106	1.576	-0.102	1.587	-0.094	1.595	-0.081
0.169	-0.084	0.177	-0.084	0.184	-0.084	0.190	-0.084	1.605	-0.069	1.616	-0.048	1.622	-0.032	1.628	-0.020
0.195	-0.088	0.205	-0.088	0.213	-0.087	0.222	-0.101	1.631	-0.063	1.642	-0.001	1.649	-0.007	1.657	-0.020
0.227	-0.052	0.233	-0.093	0.242	-0.093	0.248	-0.053	1.665	-0.011	1.676	-0.003	1.685	-0.011	1.694	-0.032
0.255	-0.057	0.263	-0.057	0.272	-0.093	0.282	-0.080	1.701	-0.059	1.707	-0.066	1.720	-0.081	1.731	-0.082
0.285	-0.080	0.304	-0.068	0.315	-0.060	0.326	-0.056	1.741	-0.102	1.748	-0.126	1.761	-0.134	1.768	-0.142
0.333	-0.056	0.341	-0.052	0.349	-0.044	0.361	-0.044	1.774	-0.154	1.780	-0.158	1.789	-0.138	1.802	-0.113
0.370	-0.052	0.378	-0.060	0.390	-0.064	0.398	-0.068	1.811	-0.080	1.821	-0.060	1.831	-0.048	1.838	-0.023
0.408	-0.068	0.413	-0.076	0.420	-0.076	0.429	-0.091	1.849	-0.091	1.860	-0.060	1.878	-0.031	1.898	-0.039
0.436	-0.065	0.446	-0.077	0.458	-0.077	0.471	-0.077	1.899	-0.047	1.905	-0.044	1.918	-0.076	1.928	-0.100
0.461	-0.073	0.492	-0.077	0.501	-0.073	0.511	-0.073	1.935	-0.096	1.945	-0.121	1.957	-0.121	1.974	-0.112
0.523	-0.073	0.532	-0.069	0.542	-0.060	0.552	-0.073	1.981	-0.056	1.990	-0.056	2.005	-0.039	2.009	-0.056
0.562	-0.081	0.574	-0.085	0.583	-0.093	0.596	-0.101	2.018	-0.056	2.027	-0.071	2.037	-0.039	2.042	-0.014
0.608	-0.101	0.617	-0.101	0.626	-0.101	0.634	-0.102	2.052	-0.011	2.065	-0.007	2.075	-0.001	2.087	-0.018
0.643	-0.102	0.652	-0.102	0.660	-0.102	0.672	-0.102	2.098	-0.052	2.104	-0.022	2.114	-0.022	2.124	-0.026
0.683	-0.085	0.692	-0.081	0.702	-0.073	0.712	-0.057	2.134	-0.034	2.143	-0.034	2.153	-0.067	2.163	-0.079
0.721	-0.057	0.733	-0.057	0.745	-0.044	0.756	-0.032	2.171	-0.031	2.177	-0.054	2.183	-0.108	2.187	-0.087
0.757	-0.032	0.775	-0.028	0.786	-0.024	0.802	-0.036	2.193	-0.058	2.199	-0.079	2.208	-0.079	2.218	-0.059
0.813	-0.045	0.821	-0.065	0.831	-0.069	0.837	-0.069	2.228	-0.103	2.242	-0.059	2.254	-0.095	2.266	-0.083
0.845	-0.050	0.857	-0.058	0.861	-0.114	0.868	-0.118	2.274	-0.030	2.283	-0.062	2.295	-0.062	2.306	-0.046
0.874	-0.139	0.884	-0.139	0.893	-0.151	0.898	-0.159	2.310	-0.037	2.323	-0.021	2.332	-0.025	2.342	-0.033
0.910	-0.155	0.918	-0.159	0.926	-0.151	0.938	-0.127	2.350	-0.041	2.359	-0.046	2.367	-0.062	2.370	-0.074
0.944	-0.058	0.953	-0.073	0.961	-0.061	0.969	-0.041	2.376	-0.087	2.383	-0.091	2.398	-0.103	2.402	-0.111
0.975	-0.028	0.983	-0.020	0.989	-0.002	0.997	-0.004	2.413	-0.127	2.423	-0.115	2.434	-0.103	2.445	-0.087
1.006	-0.004	1.013	-0.004	1.024	-0.004	1.032	-0.016	2.453	-0.074	2.462	-0.062	2.465	-0.050	2.475	-0.046
1.043	-0.025	1.051	-0.041	1.058	-0.053	1.065	-0.057	2.486	-0.041	2.500	-0.041	2.512	-0.054	2.528	-0.070
1.071	-0.070	1.080	-0.078	1.090	-0.074	1.097	-0.057	2.546	-0.082	2.558	-0.087	2.567	-0.091	2.573	-0.095
1.104	-0.057	1.116	-0.066	1.126	-0.074	1.136	-0.090	2.583	-0.103	2.594	-0.111	2.601	-0.098	2.607	-0.074
1.143	-0.103	1.149	-0.115	1.156	-0.123	1.163	-0.127	2.616	-0.058	2.625	-0.054	2.634	-0.058	2.647	-0.058
1.170	-0.148	1.176	-0.149	1.185	-0.131	1.194	-0.111	2.657	-0.054	2.665	-0.037	2.675	-0.033	2.683	-0.025
1.202	-0.054	1.211	-0.086	1.217	-0.074	1.223	-0.070	2.692	-0.001	2.699	-0.016	2.705	-0.024	2.710	-0.040
1.230	-0.045	1.238	-0.045	1.248	-0.050	1.259	-0.054	2.718	-0.045	2.730	-0.033	2.743	-0.049	2.757	-0.028
1.267	-0.075	1.275	-0.082	1.282	-0.051	1.294	-0.055	2.767	-0.016	2.777	-0.005	2.787	-0.025	2.795	-0.054
1.300	-0.103	1.306	-0.117	1.316	-0.127	1.325	-0.127	2.801	-0.078	2.825	-0.059	2.837	-0.059	2.847	-0.107
1.337	-0.115	1.343	-0.107	1.357	-0.099	1.367	-0.086	2.847	-0.107	2.856	-0.055	2.867	-0.059	2.877	-0.107
1.376	-0.086	1.389	-0.037	1.399	-0.037	1.395	-0.025	2.868	-0.099	2.906	-0.066	2.917	-0.074	2.925	-0.066

2.943	-0.078	2.954	-0.078	2.966	-0.065	2.973	-0.045	5.272	-0.028	5.281	-0.008	5.291	-0.017	5.300	-0.025
2.980	-0.041	2.988	-0.033	2.998	-0.049	3.013	-0.053	5.310	-0.021	5.321	-0.013	5.330	-0.005	5.340	-0.005
3.028	-0.069	3.044	-0.086	3.052	-0.058	3.058	-0.106	5.352	-0.021	5.358	-0.033	5.367	-0.033	5.378	-0.004
3.064	-0.118	3.072	-0.131	3.083	-0.122	3.083	-0.106	5.353	-0.004	5.402	-0.024	5.412	-0.049	5.422	-0.065
3.116	-0.081	3.127	-0.065	3.136	-0.061	3.146	-0.048	5.436	-0.004	5.436	-0.106	5.441	-0.119	5.453	-0.135
3.157	-0.052	3.166	-0.065	3.178	-0.065	3.192	-0.060	5.464	-0.131	5.480	-0.123	5.492	-0.102	5.508	-0.086
3.204	-0.056	3.219	-0.044	3.227	-0.040	3.244	-0.048	5.518	-0.070	5.531	-0.049	5.543	-0.037	5.550	-0.033
3.255	-0.052	3.265	-0.048	3.282	-0.040	3.293	-0.040	5.558	-0.012	5.564	-0.004	5.574	-0.025	5.588	-0.066
3.305	-0.039	3.316	-0.044	3.322	-0.048	3.336	-0.027	5.603	-0.058	5.614	-0.123	5.625	-0.131	5.632	-0.160
3.346	-0.035	3.356	-0.039	3.368	-0.043	3.377	-0.043	5.638	-0.180	5.650	-0.164	5.659	-0.156	5.673	-0.164
3.387	-0.031	3.401	-0.027	3.408	-0.011	3.414	-0.006	5.682	-0.135	5.694	-0.135	5.701	-0.119	5.709	-0.111
3.422	-0.006	3.429	-0.019	3.438	-0.015	3.444	-0.064	5.720	-0.107	5.733	-0.119	5.747	-0.127	5.753	-0.152
3.445	-0.080	3.456	-0.056	3.463	-0.117	3.476	-0.117	5.764	-0.181	5.776	-0.193	5.784	-0.193	5.793	-0.193
3.487	-0.117	3.493	-0.117	3.503	-0.117	3.515	-0.117	5.803	-0.173	5.815	-0.132	5.824	-0.103	5.833	-0.078
3.524	-0.121	3.535	-0.125	3.545	-0.104	3.554	-0.092	5.840	-0.041	5.845	-0.013	5.853	-0.020	5.861	-0.032
3.565	-0.076	3.575	-0.080	3.586	-0.068	3.594	-0.068	5.871	-0.053	5.883	-0.045	5.894	-0.024	5.901	-0.009
3.599	-0.059	3.608	-0.072	3.617	-0.076	3.631	-0.072	5.921	-0.029	5.928	-0.006	5.936	-0.006	5.942	-0.082
3.644	-0.047	3.651	-0.026	3.658	-0.002	3.667	-0.006	5.945	-0.095	5.952	-0.111	5.960	-0.119	5.973	-0.107
3.677	-0.010	3.687	-0.030	3.699	-0.035	3.710	-0.047	5.964	-0.095	5.993	-0.078	6.004	-0.054	6.015	-0.054
3.720	-0.047	3.730	-0.047	3.739	-0.047	3.747	-0.047	6.021	-0.050	6.030	-0.017	6.039	-0.029	6.050	-0.050
3.754	-0.055	3.764	-0.055	3.769	-0.026	3.776	-0.010	6.054	-0.070	6.063	-0.082	6.072	-0.082	6.081	-0.070
3.788	-0.003	3.798	-0.003	3.814	-0.010	3.826	-0.018	6.094	-0.050	6.106	-0.039	6.112	-0.005	6.115	-0.004
3.836	-0.039	3.847	-0.059	3.858	-0.088	3.865	-0.108	6.125	-0.008	6.130	-0.034	6.139	-0.045	6.147	-0.053
3.871	-0.129	3.881	-0.129	3.894	-0.137	3.904	-0.142	6.152	-0.061	6.158	-0.013	6.167	-0.090	6.177	-0.077
3.918	-0.146	3.931	-0.125	3.940	-0.105	3.952	-0.089	6.185	-0.065	6.192	-0.037	6.203	-0.049	6.210	-0.028
3.959	-0.054	3.969	-0.052	3.985	-0.052	4.001	-0.060	6.219	-0.012	6.224	-0.004	6.232	-0.013	6.241	-0.001
4.013	-0.077	4.025	-0.085	4.035	-0.085	4.044	-0.085	6.253	-0.016	6.261	-0.024	6.271	-0.028	6.287	-0.016
4.051	-0.094	4.061	-0.094	4.070	-0.094	4.078	-0.094	6.297	-0.004	6.302	-0.013	6.311	-0.004	6.321	-0.050
4.086	-0.054	4.099	-0.054	4.110	-0.131	4.122	-0.147	6.333	-0.001	6.340	-0.050	6.348	-0.005	6.356	-0.078
4.129	-0.168	4.133	-0.184	4.140	-0.201	4.147	-0.221	6.373	-0.078	6.378	-0.115	6.383	-0.152	6.394	-0.185
4.154	-0.226	4.163	-0.217	4.172	-0.205	4.181	-0.189	6.407	-0.205	6.420	-0.226	6.429	-0.238	6.436	-0.246
4.195	-0.140	4.205	-0.103	4.214	-0.079	4.225	-0.050	6.444	-0.259	6.453	-0.238	6.460	-0.201	6.467	-0.185
4.242	-0.030	4.252	-0.013	4.260	-0.005	4.271	-0.018	6.470	-0.177	6.478	-0.164	6.490	-0.144	6.494	-0.111
4.277	-0.030	4.284	-0.046	4.293	-0.063	4.306	-0.075	6.499	-0.074	6.502	-0.046	6.503	-0.013	6.511	-0.016
4.318	-0.079	4.329	-0.088	4.340	-0.075	4.351	-0.067	6.518	-0.045	6.524	-0.041	6.528	-0.073	6.536	-0.066
4.363	-0.085	4.376	-0.039	4.386	-0.023	4.396	-0.010	6.545	-0.073	6.549	-0.102	6.552	-0.126	6.558	-0.155
4.406	-0.026	4.413	-0.035	4.419	-0.051	4.431	-0.043	6.567	-0.167	6.574	-0.163	6.580	-0.155	6.587	-0.135
4.443	-0.034	4.459	-0.026	4.476	-0.018	4.492	-0.013	6.591	-0.106	6.595	-0.086	6.599	-0.065	6.603	-0.036
4.505	-0.003	4.513	-0.020	4.515	-0.040	4.526	-0.057	6.617	-0.016	6.611	-0.005	6.615	-0.033	6.622	-0.054
4.536	-0.069	4.546	-0.081	4.552	-0.106	4.560	-0.122	6.634	-0.087	6.634	-0.103	6.638	-0.119	6.644	-0.173
4.573	-0.131	4.586	-0.123	4.597	-0.123	4.606	-0.123	6.651	-0.197	6.656	-0.230	6.664	-0.259	6.673	-0.291
4.618	-0.111	4.628	-0.102	4.638	-0.102	4.647	-0.103	6.684	-0.324	6.691	-0.336	6.697	-0.353	6.703	-0.361
4.656	-0.103	4.664	-0.090	4.670	-0.078	4.677	-0.062	6.710	-0.377	6.717	-0.377	6.724	-0.377	6.732	-0.377
4.691	-0.091	4.701	-0.107	4.717	-0.128	4.727	-0.148	6.740	-0.377	6.748	-0.366	6.759	-0.353	6.765	-0.332
4.738	-0.152	4.751	-0.157	4.760	-0.149	4.774	-0.149	6.773	-0.304	6.780	-0.271	6.784	-0.238	6.790	-0.205
4.787	-0.153	4.797	-0.153	4.811	-0.149	4.827	-0.116	6.794	-0.189	6.799	-0.160	6.802	-0.136	6.808	-0.107
4.835	-0.104	4.849	-0.096	4.863	-0.104	4.874	-0.104	6.814	-0.087	6.815	-0.062	6.825	-0.041	6.834	-0.029
4.888	-0.100	4.903	-0.092	4.912	-0.100	4.924	-0.100	6.841	-0.029	6.845	-0.013	6.850	-0.000	6.853	-0.016
4.932	-0.100	4.941	-0.088	4.949	-0.076	4.954	-0.064	6.860	-0.037	6.867	-0.049	6.871	-0.065	6.878	-0.078
4.964	-0.084	4.976	-0.092	4.988	-0.076	4.995	-0.064	6.885	-0.078	6.890	-0.078	6.902	-0.094	6.909	-0.119
5.010	-0.064	5.022	-0.072	5.032	-0.064	5.047	-0.060	6.914	-0.110	6.920	-0.058	6.924	-0.054	6.936	-0.058
5.059	-0.052	5.069	-0.035	5.077	-0.023	5.087	-0.003	6.940	-0.115	6.946	-0.131	6.955	-0.160	6.958	-0.148
5.059	-0.005	5.102	-0.018	5.111	-0.018	5.121	-0.022	6.965	-0.127	6.974	-0.127	6.980	-0.127	6.988	-0.127
5.135	-0.009	5.144	-0.011	5.156	-0.023	5.168	-0.048	6.993	-0.123	7.000	-0.119	7.007	-0.094	7.014	-0.074
5.176	-0.056	5.186	-0.069	5.201	-0.069	5.215	-0.073	7.019	-0.062	7.027	-0.029	7.032	-0.009	7.036	-0.012
5.230	-0.069	5.238	-0.069	5.249	-0.069	5.256	-0.061	7.041	-0.036	7.046	-0.061	7.050	-0.081	7.053	-0.094



7.059	-0.126	7.065	-0.111	7.072	-0.163	7.077	-0.171	8.761	C.160	8.771	C.140	8.787	C.127	8.798	C.123
7.083	-0.196	7.090	-0.233	7.099	-0.225	7.107	-0.257	8.806	C.118	8.817	0.073	8.823	-C.025	8.830	-0.111
7.113	-0.282	7.119	-0.298	7.125	-0.306	7.130	-0.290	8.838	-0.148	8.847	-0.177	8.853	-0.189	8.859	-0.169
7.136	-0.265	7.143	-0.274	7.150	-0.249	7.155	-C.208	8.887	-0.051	8.898	-0.051	8.910	-C.132	8.922	-0.169
7.160	-0.228	7.167	-0.204	7.173	-0.171	7.176	-0.146	8.939	-0.129	8.955	-C.170	8.974	-C.211	8.986	-0.276
7.178	-0.128	7.188	-0.114	7.191	-0.093	7.200	-0.069	8.992	-0.326	8.999	-0.379	9.005	-C.440	9.015	-C.465
7.208	-0.044	7.216	-0.023	7.223	-0.007	7.229	-0.005	9.027	-C.465	9.044	-C.461	9.057	-C.445	9.073	-0.392
7.236	C.022	7.243	0.046	7.248	0.014	7.253	-0.027	9.085	-0.326	9.103	-C.253	9.121	-C.220	9.152	-C.073
7.262	0.010	7.270	-0.015	7.276	-0.035	7.280	-0.052	9.171	-0.036	9.193	0.046	9.204	0.066	9.211	0.041
7.289	-0.052	7.293	-0.035	7.299	-0.044	7.306	-0.068	9.252	-C.029	9.277	-C.123	9.293	-C.238	9.309	-0.238
7.309	-0.097	7.315	-0.125	7.317	-0.162	7.323	-0.170	9.323	-0.496	9.345	-0.541	9.363	-0.517	9.383	-0.467
7.329	-0.175	7.337	-0.179	7.348	-0.179	7.360	-0.158	9.375	-0.422	9.386	-0.345	9.403	-C.226	9.408	-0.168
7.364	-0.142	7.372	-0.121	7.377	-0.105	7.385	-0.093	9.415	-0.136	9.426	-C.059	9.434	-C.123	9.444	-0.132
7.393	-0.060	7.399	-0.019	7.403	0.026	7.410	0.080	9.456	-C.107	9.475	-C.067	9.475	-C.066	9.484	-C.103
7.416	0.153	7.424	0.219	7.429	0.256	7.436	0.329	9.459	-C.173	9.513	-0.287	9.524	-0.336	9.535	-0.316
7.443	0.399	7.448	0.436	7.453	0.473	7.459	0.497	9.559	-C.254	9.575	-C.164	9.585	-C.164	9.598	-C.177
7.464	0.547	7.470	0.575	7.477	0.592	7.482	0.579	9.617	-0.197	9.626	-C.103	9.681	-C.062	9.691	-C.087
7.490	0.567	7.496	0.579	7.500	0.551	7.505	0.522	9.662	-C.014	9.670	-C.103	9.681	-C.062	9.691	-C.087
7.515	0.489	7.519	0.444	7.528	0.387	7.529	0.358	9.704	-0.103	9.716	-0.078	9.726	-0.136	9.744	-C.173
7.532	0.317	7.537	0.281	7.546	0.223	7.549	0.162	9.755	-0.136	9.768	-0.066	9.792	-0.037	9.808	-0.061
7.550	C.125	7.553	0.084	7.560	0.055	7.564	0.010	9.839	0.249	9.842	C.528	9.853	C.610	9.868	0.051
7.571	-0.055	7.577	-0.169	7.583	-0.141	7.590	-0.155	9.916	0.626	9.908	0.156	10.013	-0.144	10.024	-C.185
7.594	-0.240	7.601	-0.281	7.605	-0.346	7.609	-0.379	10.039	-C.243	10.052	-C.198	10.058	-C.169	10.071	-C.124
7.612	-0.407	7.615	-0.436	7.617	-0.461	7.621	-0.498	10.088	-C.009	10.102	C.003	10.127	C.040	10.152	C.027
7.625	-0.522	7.631	-0.547	7.638	-0.551	7.648	-0.571	10.166	0.036	10.182	0.007	10.216	-C.059	10.287	-C.362
7.654	-0.563	7.659	-0.551	7.662	-0.276	7.670	-0.788	10.253	-C.452	10.362	-C.407	10.376	-C.563	10.386	-C.669
7.679	-0.403	7.685	-C.590	7.689	-0.534	7.696	-0.403	10.352	-C.628	10.364	-0.612	10.373	-C.600	10.386	-C.645
7.700	-0.514	7.706	-0.362	7.711	-0.256	7.717	-0.321	10.397	-0.702	10.407	-C.752	10.419	-C.785	10.434	-C.797
7.727	-0.088	7.735	-0.129	7.744	-0.067	7.751	-0.018	10.445	-C.785	10.461	-C.740	10.472	-C.695	10.488	-C.646
7.754	0.027	7.757	0.056	7.760	0.072	7.767	0.113	10.503	-0.719	10.511	-0.736	10.524	-C.625	10.535	-C.523
7.776	C.109	7.777	0.166	7.784	0.261	7.791	0.252	10.555	-C.400	10.565	-0.331	10.584	-C.269	10.597	-C.282
7.798	0.293	7.802	0.310	7.807	0.343	7.813	0.363	10.615	-C.098	10.625	-C.065	10.631	-C.089	10.643	-C.139
7.825	0.336	7.830	0.305	7.839	0.268	7.843	C.240	10.651	-C.145	10.659	-C.192	10.679	-C.393	10.697	-0.495
7.849	0.182	7.853	0.141	7.859	0.055	7.870	0.055	10.711	-C.545	10.725	-C.500	10.750	-C.422	10.771	-C.279
7.878	0.055	7.886	0.055	7.893	0.059	7.900	0.042	10.789	-C.148	10.806	C.016	10.810	C.065	10.828	C.147
7.907	0.014	7.916	-0.019	7.921	-0.064	7.928	-0.101	10.841	C.180	10.851	C.160	10.884	C.053	10.901	-C.008
7.934	-0.118	7.940	-0.155	7.956	-0.138	7.962	-0.106	10.909	-C.061	10.925	-C.122	10.942	-C.167	10.953	-C.143
7.976	-0.102	7.986	-0.114	7.994	-0.082	8.004	-C.089	10.962	-C.089	10.984	-0.048	10.997	C.001	11.004	0.091
8.011	-0.086	8.025	-0.119	8.035	-0.135	8.044	-C.054	11.021	0.263	11.028	C.296	11.036	C.329	11.071	C.387
8.056	-0.021	8.066	0.053	8.071	0.094	8.077	0.114	11.086	C.379	11.101	C.293	11.118	C.166	11.129	0.117
8.092	0.073	8.111	0.286	8.125	0.240	8.138	0.330	11.149	-0.112	11.158	-0.178	11.179	-C.223	11.223	-0.194
8.146	0.412	8.155	0.461	8.166	0.531	8.172	0.576	11.232	-0.235	11.247	-0.271	11.257	-C.238	11.279	-0.218
8.181	C.556	8.190	0.567	8.198	0.567	8.210	0.473	11.251	-C.193	11.308	-C.218	11.315	-C.242	11.321	-0.271
8.223	0.477	8.234	0.464	8.240	0.440	8.246	0.382	11.328	-C.395	11.330	-0.307	11.335	-C.336	11.339	-0.352
8.253	0.345	8.261	0.312	8.268	0.329	8.275	0.357	11.345	-C.377	11.349	-C.353	11.362	-C.438	11.372	-C.466
8.287	0.292	8.293	0.238	8.303	0.136	8.316	0.046	11.382	-0.474	11.393	-C.470	11.409	-C.441	11.424	-C.399
8.323	C.090	8.336	0.090	8.350	0.090	8.361	0.066	11.434	-C.342	11.445	-0.284	11.454	-0.247	11.466	-0.194
8.378	0.106	8.378	0.106	8.385	0.134	8.394	0.159	11.479	-C.148	11.489	-C.136	11.501	-C.136	11.509	-0.144
8.398	0.187	8.412	0.191	8.418	0.232	8.430	0.338	11.522	-C.176	11.531	-0.200	11.544	-C.221	11.556	-C.237
8.440	0.396	8.440	0.428	8.450	0.457	8.459	0.477	11.568	-C.257	11.581	-0.277	11.587	-C.289	11.597	-0.330
8.470	0.514	8.486	0.501	8.498	0.468	8.510	0.419	11.608	-C.348	11.617	-C.342	11.630	-C.313	11.645	-C.251
8.522	0.341	8.535	0.283	8.542	0.254	8.552	C.176	11.660	-C.202	11.672	-0.169	11.687	-0.152	11.704	-0.111
8.566	0.041	8.580	-0.103	8.602	-0.173	8.620	-0.296	11.723	-C.023	11.740	-C.016	11.756	-C.030	11.764	C.059
8.627	-0.358	8.636	-0.378	8.642	-0.350	8.654	-0.313	11.781	C.063	11.792	0.092	11.805	C.117	11.813	0.142
8.666	-0.330	8.675	-0.342	8.688	-0.285	8.698	-0.199	11.821	C.154	11.834	0.211	11.848	C.281	11.860	C.343
8.705	-0.138	8.731	-0.019	8.746	0.083	8.755	0.136	11.872	0.368	11.883	C.429	11.893	C.433	11.907	0.413

11.919	0.380	11.930	0.339	11.942	0.282	11.953	0.208	15.333	-0.439	15.353	-0.447	15.369	-C.464	15.384	-C.492
11.962	0.134	11.972	0.061	11.986	-0.017	11.998	0.070	15.397	-0.501	15.421	-0.472	15.438	-C.435	15.448	-0.423
12.018	-0.128	12.031	-0.173	12.045	-0.205	12.064	-0.279	15.468	-0.440	15.491	-0.436	15.509	-C.436	15.521	-0.407
12.084	-0.304	12.100	-0.328	12.114	-0.312	12.127	-0.271	15.539	-0.342	15.553	-0.272	15.571	-C.236	15.593	-0.187
12.144	-0.217	12.156	-0.176	12.180	-0.131	12.199	0.098	15.616	-0.125	15.636	-0.068	15.654	-C.035	15.676	-0.011
12.211	-0.053	12.223	0.012	12.232	0.066	12.247	0.189	15.654	-0.015	15.714	-0.007	15.735	-C.001	15.752	-0.011
12.261	0.249	12.271	0.357	12.281	0.381	12.298	0.377	15.768	-0.040	15.782	-0.048	15.801	-0.061	15.828	-0.081
12.314	0.349	12.328	0.324	12.340	0.291	12.349	0.242	15.844	-C.054	15.859	-0.077	15.880	-0.041	15.896	0.025
12.357	0.185	12.366	0.111	12.377	0.012	12.386	-0.070	15.918	0.086	15.942	-0.123	15.962	-0.172	15.983	0.184
12.394	-0.156	12.407	-0.221	12.422	-0.287	12.435	-0.361	16.013	0.172	16.025	0.163	16.054	0.155	16.077	0.163
12.450	-0.418	12.466	-0.492	12.475	-0.545	12.487	-0.558	16.057	0.196	16.118	0.220	16.140	0.241	16.161	0.263
12.501	-0.541	12.516	-0.459	12.532	-0.382	12.556	-0.275	16.182	0.278	16.196	0.259	16.211	0.253	16.230	0.249
12.570	-0.412	12.584	-0.063	12.599	0.077	12.613	0.232	16.253	0.273	16.275	0.258	16.290	0.253	16.316	0.388
12.627	0.194	12.636	0.560	12.649	0.703	12.663	0.838	16.337	0.457	16.359	0.519	16.380	0.572	16.406	0.596
12.674	0.928	12.685	1.006	12.694	1.047	12.700	1.125	16.424	0.629	16.446	0.654	16.468	0.658	16.491	0.653
12.717	1.141	12.722	1.116	12.730	1.051	12.740	0.948	16.515	0.649	16.534	0.641	16.553	0.612	16.570	0.575
12.750	0.633	12.764	0.747	12.779	0.641	12.796	0.559	16.593	0.539	16.614	0.465	16.635	0.440	16.653	0.407
12.811	0.501	12.828	0.473	12.848	0.464	12.860	0.415	16.670	0.370	16.689	0.329	16.707	0.268	16.725	0.215
12.871	0.341	12.887	0.276	12.897	0.255	12.907	0.264	16.740	0.166	16.760	0.125	16.781	0.104	16.802	0.079
12.924	0.243	12.937	0.222	12.947	0.222	12.963	0.259	16.823	0.075	16.847	0.067	16.866	0.063	16.890	0.063
12.980	0.308	13.001	0.345	13.019	0.407	13.034	0.453	16.907	-0.051	16.926	0.026	16.948	-0.011	16.974	-0.032
13.044	0.558	13.052	0.591	13.074	0.624	13.093	0.685	16.955	-0.032	17.011	-0.040	17.025	-0.036	17.047	-0.005
13.103	0.751	13.114	0.804	13.124	0.800	13.138	0.755	17.067	0.067	17.085	0.132	17.106	0.189	17.131	0.247
13.151	0.726	13.165	0.660	13.180	0.574	13.192	0.505	17.152	0.288	17.174	0.312	17.191	0.316	17.213	0.308
13.210	0.435	13.229	0.357	13.247	0.291	13.253	0.279	17.225	0.283	17.251	0.263	17.271	0.238	17.292	0.214
13.273	0.271	13.292	0.271	13.305	0.279	13.320	0.279	17.311	0.181	17.328	0.131	17.346	0.099	17.364	0.086
13.335	0.316	13.349	0.328	13.359	0.328	13.378	0.385	17.384	0.057	17.400	0.016	17.418	-0.021	17.435	-0.050
13.406	0.459	13.430	0.533	13.447	0.627	13.460	0.663	17.464	-0.062	17.495	-0.035	17.515	-0.087	17.532	-0.095
13.468	0.680	13.487	0.647	13.498	0.614	13.518	0.524	17.557	-0.083	17.577	-0.084	17.596	-0.104	17.621	-0.117
13.535	0.422	13.556	0.311	13.580	0.180	13.596	0.094	17.646	-0.121	17.671	-0.146	17.694	-0.183	17.723	-0.228
13.614	-0.005	13.640	-0.091	13.658	-0.181	13.667	-0.158	17.751	-0.282	17.778	-0.302	17.800	-0.290	17.825	-0.245
13.678	-0.263	13.691	-0.304	13.699	-0.316	13.712	-0.267	17.832	-0.205	17.878	-0.189	17.905	-0.164	17.929	-0.173
13.724	-0.185	13.737	-0.120	13.748	-0.063	13.762	-0.042	17.950	-0.206	17.969	-0.214	17.995	-0.210	18.025	-0.235
13.781	0.027	13.792	0.134	13.800	0.203	13.808	0.224	18.056	-0.256	18.080	-0.297	18.101	-0.351	18.122	-0.433
13.823	0.211	13.836	0.240	13.852	0.236	13.864	0.252	18.145	-0.531	18.166	-0.634	18.187	-0.732	18.205	-0.810
13.876	0.289	13.891	0.302	13.903	0.269	13.912	0.261	18.224	-0.831	18.235	-0.807	18.250	-0.741	18.265	-0.635
13.925	0.297	13.935	0.367	13.945	0.388	13.958	0.322	18.285	-0.504	18.299	-0.406	18.321	-0.324	18.341	-0.251
13.968	0.285	13.985	0.289	13.999	0.244	14.011	0.207	18.367	-0.185	18.393	-0.120	18.412	-0.075	18.434	-0.031
14.023	0.113	14.039	0.060	14.058	-0.011	14.078	-0.042	18.437	0.026	18.464	0.055	18.512	0.075	18.540	0.116
14.071	-0.108	14.120	-0.165	14.128	-0.174	14.248	-0.321	18.565	0.152	18.553	0.201	18.617	0.225	18.642	0.229
14.271	-0.382	14.289	-0.411	14.303	-0.399	14.317	-0.403	18.673	0.237	18.705	0.249	18.732	0.277	18.763	0.281
14.330	-0.464	14.348	-0.501	14.366	-0.530	14.381	-0.563	18.718	0.289	18.753	0.272	18.810	0.235	18.830	0.202
14.403	-0.563	14.427	-0.542	14.444	-0.530	14.459	-0.530	18.853	0.165	18.873	0.135	18.893	0.110	18.915	0.110
14.479	-0.505	14.497	-0.485	14.511	-0.501	14.522	-0.526	18.941	0.101	18.960	0.064	18.983	0.071	19.010	0.075
14.534	-0.542	14.555	-0.579	14.571	-0.600	14.589	-0.624	19.032	0.066	19.059	0.049	19.089	0.057	19.118	0.056
14.610	-0.649	14.633	-0.641	14.658	-0.604	14.676	-0.567	19.155	0.088	19.171	0.129	19.190	0.157	19.212	0.189
14.692	-0.559	14.707	-0.587	14.724	-0.555	14.741	-0.575	19.241	0.234	19.263	0.241	19.282	0.220	19.306	0.179
14.758	-0.604	14.774	-0.612	14.789	-0.616	14.805	-0.649	19.327	0.117	19.350	0.059	19.367	0.018	19.383	-0.007
14.820	-0.698	14.842	-0.706	14.857	-0.715	14.869	-0.739	19.404	0.001	19.420	0.004	19.455	0.016	19.477	0.003
14.891	-0.743	14.907	-0.731	14.925	-0.699	14.943	-0.723	19.507	-0.022	19.538	-0.056	19.562	-0.089	19.590	-0.098
14.957	-0.736	14.977	-0.707	14.991	-0.662	15.010	-0.638	19.621	-0.095	19.639	-0.059	19.664	-0.087	19.681	-0.071
15.022	-0.661	15.038	-0.523	15.055	-0.437	15.062	-0.417	19.658	-0.031	19.722	-0.001	19.750	0.017	19.772	0.033
15.080	-0.356	15.098	-0.392	15.112	-0.352	15.124	-0.331	19.787	0.041	19.805	0.032	19.824	0.016	19.846	0.011
15.143	-0.331	15.153	-0.294	15.170	-0.241	15.190	-0.213	19.875	0.015	19.895	0.011	19.913	0.011	19.930	0.007
15.213	-0.172	15.227	-0.143	15.249	-0.152	15.269	-0.176	19.955	-0.002	19.982	-0.010	20.004	-0.031	20.032	-0.044
15.282	-0.213	15.296	-0.287	15.308	-0.365	15.317	-0.418	20.061	-0.052	20.088	-0.065	20.115	-0.122	20.137	-0.164

20.161	-0.188	20.189	-0.205	20.219	-0.226	20.249	-0.238	24.363	0.341	24.381	0.341	24.395	0.337	24.418	C.333
20.212	-0.267	20.294	-0.292	20.317	-0.317	20.346	-0.317	24.428	0.333	24.450	0.333	24.465	0.329	24.484	C.317
20.366	-0.305	20.385	-0.280	20.407	-0.239	20.428	-0.317	24.505	0.309	24.518	0.309	24.534	0.257	24.552	C.289
20.448	-0.227	20.472	-0.252	20.496	-0.256	20.518	-0.285	24.571	0.257	24.586	0.257	24.602	0.249	24.617	C.220
20.546	-0.314	20.579	-0.334	20.604	-0.367	20.628	-0.371	24.639	0.167	24.660	0.147	24.680	0.114	24.703	C.073
20.654	-0.384	20.669	-0.368	20.699	-0.335	20.718	-0.310	24.734	0.057	24.754	0.045	24.750	0.033	24.767	0.025
20.743	-0.302	20.769	-0.274	20.790	-0.253	20.823	-0.245	24.784	0.000	24.788	0.000	24.815	-0.006	24.828	-0.024
20.844	-0.209	20.872	-0.172	20.902	-0.164	20.927	-0.164	24.847	-0.028	24.861	-0.028	24.879	-0.036	24.894	-0.053
20.958	-0.140	20.985	-0.132	21.007	-0.119	21.034	-0.083	24.912	-0.061	24.931	-0.069	24.952	-0.090	24.977	-0.106
21.053	-0.038	21.084	0.007	21.114	0.052	21.141	0.105	24.991	-0.123	25.011	-0.143	25.029	-0.168	25.055	-0.188
21.171	0.142	21.203	0.178	21.228	0.219	21.257	0.280	25.065	-0.153	25.086	-0.153	25.103	-0.201	25.120	-0.213
21.280	0.329	21.306	0.374	21.324	0.391	21.337	0.407	25.138	-0.238	25.161	-0.258	25.185	-0.238	25.201	-0.226
21.354	0.382	21.380	0.345	21.403	0.308	21.421	0.275	25.218	-0.205	25.231	-0.205	25.247	-0.201	25.266	-0.209
21.440	0.242	21.460	0.225	21.486	0.229	21.513	0.225	25.283	-0.213	25.294	-0.213	25.304	-0.226	25.315	-0.226
21.540	0.200	21.559	0.175	21.578	0.150	21.599	0.117	25.331	-0.226	25.347	-0.218	25.366	-0.206	25.378	-0.198
21.623	0.076	21.650	0.047	21.682	0.014	21.708	-0.007	25.399	-0.181	25.418	-0.154	25.440	-0.198	25.455	-0.206
21.737	-0.003	21.761	-0.011	21.781	-0.044	21.807	-0.057	25.479	-0.227	25.497	-0.239	25.516	-0.260	25.533	-0.268
21.839	-0.069	21.871	-0.081	21.900	-0.073	21.931	-0.060	25.553	-0.301	25.568	-0.322	25.581	-0.338	25.593	-0.350
21.958	-0.060	21.986	-0.068	22.007	-0.097	22.032	-0.121	25.609	-0.375	25.625	-0.387	25.639	-0.404	25.655	-0.408
22.059	-0.125	22.076	-0.145	22.089	-0.153	22.114	-0.162	25.661	-0.416	25.681	-0.404	25.698	-0.404	25.714	-0.425
22.139	-0.153	22.160	-0.149	22.183	-0.120	22.204	-0.055	25.737	-0.450	25.752	-0.470	25.771	-0.495	25.784	-0.503
22.224	-0.046	22.241	-0.013	22.254	-0.001	22.269	0.003	25.801	-0.516	25.814	-0.516	25.825	-0.512	25.842	-0.504
22.281	0.012	22.287	0.012	22.291	0.012	22.295	0.003	25.854	-0.500	25.873	-0.471	25.886	-0.471	25.899	-0.455
22.310	-0.005	22.322	-0.008	22.336	-0.024	22.352	-0.040	25.909	-0.455	25.926	-0.451	25.935	-0.451	25.956	-0.435
22.365	-0.048	22.375	-0.047	22.395	-0.018	22.409	-0.042	25.951	-0.415	25.989	-0.431	26.009	-0.436	26.032	-0.420
22.426	-0.033	22.435	-0.069	22.453	-0.064	22.467	-0.064	26.045	-0.408	26.060	-0.387	26.078	-0.363	26.102	-0.326
22.484	-0.088	22.502	-0.108	22.520	-0.140	22.536	-0.168	26.120	-0.258	26.136	-0.257	26.158	-0.212	26.176	-0.183
22.555	-0.187	22.568	-0.207	22.582	-0.231	22.594	-0.247	26.193	-0.163	26.212	-0.131	26.232	-0.110	26.254	-0.078
22.601	-0.247	22.620	-0.257	22.637	-0.290	22.650	-0.302	26.277	-0.173	26.295	-0.066	26.325	-0.046	26.350	-0.038
22.674	-0.326	22.686	-0.342	22.699	-0.341	22.715	-0.340	26.372	-0.026	26.391	-0.018	26.420	0.018	26.444	0.039
22.729	-0.311	22.745	-0.286	22.758	-0.261	22.771	-0.226	26.462	0.063	26.481	0.071	26.502	0.071	26.526	0.103
22.787	-0.194	22.800	-0.165	22.822	-0.160	22.833	-0.147	26.544	0.078	26.561	0.053	26.573	0.045	26.592	0.057
22.849	-0.126	22.861	-0.126	22.873	-0.133	22.888	-0.141	26.617	0.044	26.636	0.036	26.655	0.036	26.673	0.045
22.901	-0.140	22.914	-0.140	22.926	-0.131	22.939	-0.131	26.652	0.051	26.708	0.051	26.721	0.051	26.746	0.038
22.954	-0.122	22.966	-0.105	22.975	-0.109	22.990	-0.121	26.763	0.059	26.791	0.091	26.807	0.107	26.830	0.152
23.010	-0.043	23.030	-0.055	23.047	-0.077	23.064	-0.069	26.851	0.197	26.868	0.246	26.891	0.283	26.904	0.303
23.080	-0.056	23.096	-0.055	23.110	-0.030	23.128	-0.025	26.925	0.192	26.932	0.340	26.976	0.328	27.004	0.303
23.138	-0.021	23.152	-0.020	23.166	-0.032	23.182	-0.039	27.025	0.270	27.047	0.254	27.069	0.217	27.084	0.208
23.201	-0.043	23.214	-0.030	23.231	-0.054	23.246	-0.053	27.103	0.196	27.130	0.171	27.152	0.179	27.177	0.196
23.257	-0.061	23.266	-0.061	23.281	-0.052	23.292	-0.052	27.195	0.196	27.216	0.204	27.234	0.220	27.251	0.236
23.309	-0.055	23.329	-0.051	23.343	-0.050	23.359	-0.050	27.285	0.261	27.308	0.269	27.336	0.298	27.355	0.322
23.370	-0.054	23.386	-0.054	23.399	-0.058	23.412	-0.062	27.374	0.326	27.397	0.326	27.412	0.342	27.426	0.331
23.429	-0.078	23.442	-0.082	23.465	-0.086	23.479	-0.090	27.445	0.335	27.468	0.327	27.489	0.327	27.503	0.327
23.453	-0.090	23.474	-0.082	23.529	-0.082	23.542	-0.073	27.519	0.315	27.539	0.311	27.565	0.352	27.583	0.368
23.559	-0.053	23.575	-0.032	23.599	-0.016	23.622	0.013	27.602	0.381	27.625	0.357	27.652	0.426	27.676	0.422
23.640	0.038	23.659	0.050	23.681	0.067	23.694	0.075	27.708	0.410	27.728	0.385	27.753	0.365	27.785	0.328
23.708	0.084	23.726	0.084	23.742	0.092	23.760	0.125	27.812	0.300	27.837	0.263	27.870	0.251	27.894	0.230
23.777	0.146	23.755	0.162	23.809	0.175	23.820	0.203	27.919	0.214	27.946	0.177	27.975	0.153	28.001	0.136
23.837	0.220	23.854	0.248	23.869	0.261	23.882	0.269	28.025	0.096	28.052	0.078	28.078	0.038	28.096	0.039
23.902	0.281	23.919	0.269	23.941	0.241	23.957	0.233	28.111	0.026	28.134	-0.002	28.156	-0.035	28.182	-0.064
23.969	0.224	23.984	0.216	23.997	0.216	24.010	0.212	28.205	-0.080	28.215	-0.080	28.235	-0.071	28.262	-0.059
24.024	0.212	24.042	0.225	24.064	0.229	24.079	0.241	28.281	-0.063	28.294	-0.038	28.308	-0.038	28.331	-0.047
24.088	0.249	24.107	0.262	24.123	0.274	24.136	0.295	28.355	-0.055	28.371	-0.055	28.391	-0.055	28.412	-0.080
24.152	0.307	24.168	0.328	24.190	0.336	24.216	0.336	28.435	-0.096	28.457	-0.121	28.476	-0.141	28.496	-0.162
24.232	0.340	24.245	0.344	24.259	0.344	24.273	0.353	28.519	-0.199	28.536	-0.207	28.554	-0.228	28.576	-0.207
24.294	0.353	24.312	0.353	24.331	0.353	24.347	0.349	28.599	-0.151	28.622	-0.179	28.644	-0.183	28.656	-0.183

28.676	-0.175	28.690	-0.167	28.712	-0.183	28.732	-0.171	32.317	-0.197	32.332	-0.169	32.350	-0.182	32.368	-0.158
28.751	-0.171	28.763	-0.171	28.775	-0.180	28.788	-0.180	32.380	-0.178	32.401	-0.150	32.415	-0.163	32.437	-0.155
28.759	-0.180	28.819	-0.192	28.832	-0.172	28.852	-0.160	32.453	-0.184	32.473	-0.157	32.494	-0.163	32.514	-0.231
28.866	-0.160	28.882	-0.160	28.900	-0.161	28.917	-0.157	32.536	-0.232	32.553	-0.257	32.569	-0.249	32.586	-0.286
28.939	-0.182	28.960	-0.207	28.975	-0.231	28.995	-0.232	32.606	-0.274	32.616	-0.308	32.642	-0.292	32.655	-0.309
29.016	-0.244	29.037	-0.257	29.053	-0.257	29.068	-0.258	32.674	-0.276	32.684	-0.289	32.705	-0.269	32.714	-0.273
29.083	-0.262	29.100	-0.274	29.118	-0.283	29.133	-0.283	32.739	-0.258	32.748	-0.278	32.765	-0.242	32.775	-0.267
29.147	-0.300	29.161	-0.312	29.180	-0.321	29.201	-0.329	32.801	-0.231	32.813	-0.260	32.836	-0.231	32.847	-0.243
29.219	-0.338	29.243	-0.359	29.260	-0.367	29.273	-0.376	32.865	-0.223	32.883	-0.219	32.900	-0.198	32.915	-0.211
29.283	-0.376	29.299	-0.380	29.313	-0.368	29.336	-0.368	32.937	-0.166	32.950	-0.178	32.972	-0.141	32.980	-0.146
29.352	-0.369	29.359	-0.381	29.375	-0.361	29.393	-0.361	33.005	-0.109	33.014	-0.117	33.041	-0.084	33.048	-0.093
29.394	-0.386	29.407	-0.386	29.419	-0.402	29.434	-0.415	33.076	-0.072	33.083	-0.085	33.109	-0.048	33.120	-0.060
29.448	-0.395	29.463	-0.366	29.484	-0.338	29.500	-0.345	33.142	-0.040	33.150	-0.048	33.168	-0.019	33.188	-0.024
29.522	-0.265	29.540	-0.220	29.558	-0.183	29.575	-0.151	33.210	-0.013	33.219	-0.003	33.236	-0.034	33.246	-0.034
29.591	-0.126	29.612	-0.054	29.633	-0.061	29.655	-0.025	33.282	-0.062	33.275	-0.062	33.284	-0.070	33.297	-0.074
29.669	-0.013	29.697	-0.020	29.715	-0.044	29.737	-0.052	33.308	-0.087	33.322	-0.051	33.333	-0.103	33.343	-0.112
29.751	0.064	29.772	0.072	29.795	0.076	29.819	0.059	33.441	-0.191	33.456	-0.191	33.470	-0.195	33.483	-0.192
29.840	0.059	29.856	0.054	29.874	0.046	29.892	0.030	33.493	-0.179	33.507	-0.200	33.523	-0.192	33.537	-0.192
29.911	0.025	29.927	0.033	29.942	0.033	29.964	0.062	33.555	-0.192	33.569	-0.157	33.583	-0.197	33.602	-0.201
29.979	0.058	29.999	0.082	30.021	0.054	30.042	0.131	33.614	-0.201	33.632	-0.206	33.646	-0.218	33.659	-0.218
30.061	0.143	30.085	0.175	30.096	0.175	30.117	0.208	33.677	-0.235	33.692	-0.248	33.706	-0.264	33.722	-0.281
30.137	0.224	30.154	0.245	30.170	0.253	30.190	0.273	33.735	-0.257	33.754	-0.306	33.772	-0.306	33.787	-0.321
30.203	0.252	30.219	0.269	30.229	0.281	30.242	0.260	33.805	-0.335	33.823	-0.356	33.839	-0.389	33.852	-0.397
30.258	0.276	30.278	0.256	30.295	0.288	30.311	0.260	33.867	-0.418	33.877	-0.447	33.890	-0.447	33.904	-0.447
30.337	0.292	30.351	0.280	30.367	0.309	30.380	0.280	33.905	-0.447	33.941	-0.455	33.955	-0.456	33.972	-0.431
30.361	0.313	30.421	0.284	30.431	0.280	30.448	0.243	33.955	-0.431	34.000	-0.419	34.013	-0.419	34.026	-0.424
30.461	0.259	30.479	0.231	30.494	0.247	30.506	0.218	34.041	-0.432	34.056	-0.432	34.068	-0.432	34.083	-0.432
30.550	0.251	30.539	0.235	30.552	0.259	30.571	0.234	34.099	-0.432	34.112	-0.445	34.127	-0.445	34.142	-0.445
30.587	0.255	30.599	0.230	30.619	0.259	30.636	0.222	34.155	-0.445	34.165	-0.429	34.181	-0.437	34.195	-0.442
30.645	0.243	30.660	0.206	30.678	0.230	30.694	0.189	34.212	-0.454	34.240	-0.454	34.248	-0.454	34.263	-0.455
30.710	0.218	30.721	0.173	30.735	0.210	30.755	0.169	34.286	-0.455	34.301	-0.455	34.319	-0.455	34.338	-0.455
30.768	0.205	30.786	0.153	30.804	0.218	30.818	0.157	34.349	-0.443	34.366	-0.431	34.383	-0.418	34.404	-0.402
30.830	0.234	30.845	0.209	30.861	0.246	30.878	0.201	34.428	-0.358	34.449	-0.386	34.466	-0.378	34.487	-0.361
30.891	0.242	30.908	0.210	30.923	0.247	30.939	0.218	34.505	-0.329	34.532	-0.316	34.556	-0.304	34.573	-0.288
30.936	0.251	30.968	0.226	30.984	0.275	31.002	0.263	34.569	-0.288	34.604	-0.284	34.617	-0.280	34.632	-0.280
31.017	0.284	31.028	0.267	31.043	0.292	31.063	0.259	34.648	-0.255	34.665	-0.267	34.678	-0.259	34.694	-0.255
31.077	0.259	31.096	0.214	31.111	0.218	31.127	0.169	34.706	-0.251	34.715	-0.235	34.736	-0.214	34.753	-0.194
31.136	0.158	31.157	0.153	31.172	0.161	31.187	0.132	34.770	-0.182	34.790	-0.165	34.809	-0.137	34.822	-0.137
31.201	0.153	31.219	0.124	31.234	0.141	31.253	0.096	34.839	-0.120	34.853	-0.108	34.870	-0.096	34.890	-0.083
31.265	0.128	31.280	0.087	31.293	0.104	31.311	0.059	34.902	-0.083	34.920	-0.063	34.937	-0.063	34.954	-0.055
31.325	0.083	31.342	0.038	31.357	0.050	31.377	0.017	34.971	-0.038	34.985	-0.026	35.002	-0.018	35.013	-0.006
31.388	0.034	31.405	-0.003	31.422	0.005	31.440	-0.037	35.030	-0.007	35.048	-0.023	35.060	-0.023	35.076	-0.044
31.453	-0.024	31.472	-0.053	31.487	-0.049	31.508	-0.103	35.089	-0.048	35.103	-0.048	35.120	-0.060	35.134	-0.056
31.516	-0.091	31.535	-0.132	31.549	-0.128	31.566	-0.153	35.148	-0.052	35.163	-0.052	35.173	-0.052	35.186	-0.054
31.565	-0.165	31.599	-0.186	31.613	-0.202	31.631	-0.215	35.200	-0.064	35.212	-0.064	35.231	-0.084	35.243	-0.084
31.646	-0.223	31.661	-0.244	31.673	-0.244	31.687	-0.252	35.261	-0.109	35.277	-0.130	35.293	-0.150	35.306	-0.171
31.699	-0.269	31.712	-0.252	31.725	-0.273	31.743	-0.273	35.324	-0.199	35.340	-0.159	35.359	-0.232	35.377	-0.257
31.755	-0.273	31.771	-0.286	31.784	-0.294	31.803	-0.307	35.399	-0.278	35.418	-0.294	35.437	-0.311	35.454	-0.340
31.821	-0.319	31.837	-0.340	31.853	-0.349	31.867	-0.365	35.469	-0.356	35.485	-0.385	35.505	-0.410	35.521	-0.435
31.866	-0.337	31.909	-0.313	31.930	-0.332	31.944	-0.290	35.537	-0.435	35.553	-0.468	35.569	-0.468	35.586	-0.476
31.961	-0.282	31.972	-0.258	31.986	-0.242	31.997	-0.221	35.598	-0.481	35.620	-0.505	35.638	-0.514	35.658	-0.534
32.010	-0.209	32.023	-0.218	32.038	-0.202	32.054	-0.202	35.680	-0.559	35.697	-0.576	35.715	-0.576	35.734	-0.597
32.068	-0.178	32.080	-0.170	32.092	-0.195	32.104	-0.179	35.751	-0.605	35.768	-0.618	35.787	-0.634	35.806	-0.647
32.120	-0.200	32.138	-0.180	32.154	-0.213	32.174	-0.202	35.824	-0.647	35.837	-0.643	35.858	-0.643	35.883	-0.632
32.189	-0.214	32.206	-0.223	32.223	-0.223	32.240	-0.203	35.902	-0.650	35.921	-0.616	35.943	-0.604	35.963	-0.600
32.254	-0.212	32.273	-0.192	32.288	-0.205	32.301	-0.184	35.983	-0.588	36.001	-0.550	36.026	-0.555	36.047	-0.553

36.071	-0.549	36.094	-0.545	36.113	-0.537	36.137	-0.526	40.043	-0.117	40.054	-0.109	40.071	-0.088	40.087	-0.080
36.156	-0.526	36.173	-0.514	36.195	-0.506	36.213	-0.478	40.059	-0.080	40.120	-0.059	40.130	-0.059	40.147	-0.038
36.235	-0.470	36.257	-0.446	36.276	-0.414	36.296	-0.385	40.161	-0.026	40.173	-0.018	40.151	-0.001	40.206	-0.011
36.319	-0.349	36.339	-0.316	36.355	-0.304	36.373	-0.275	40.218	0.032	40.235	0.044	40.252	0.069	40.265	0.081
36.393	-0.255	36.414	-0.223	36.436	-0.202	36.451	-0.178	40.283	0.118	40.298	0.143	40.320	0.176	40.338	0.192
36.476	-0.145	36.491	-0.145	36.505	-0.129	36.519	-0.113	40.357	0.220	40.372	0.233	40.387	0.249	40.359	0.249
36.533	-0.105	36.545	-0.088	36.557	-0.084	36.573	-0.065	40.412	0.249	40.428	0.248	40.443	0.261	40.458	0.269
36.585	-0.052	36.597	-0.048	36.612	-0.023	36.629	-0.018	40.470	0.269	40.484	0.305	40.500	0.309	40.517	0.350
36.646	-0.007	36.662	0.009	36.680	0.017	36.697	0.025	40.536	0.375	40.551	0.407	40.571	0.432	40.591	0.452
36.713	0.037	36.728	0.049	36.745	0.066	36.758	0.075	40.606	0.431	40.622	0.442	40.642	0.476	40.657	0.476
36.772	0.090	36.796	0.110	36.823	0.126	36.845	0.158	40.673	0.464	40.692	0.504	40.711	0.504	40.723	0.561
36.857	0.155	36.875	0.167	36.889	0.167	36.903	0.171	40.739	0.549	40.754	0.598	40.767	0.598	40.788	0.614
36.924	0.196	36.942	0.204	36.956	0.216	36.978	0.229	40.807	0.606	40.824	0.638	40.840	0.622	40.855	0.638
36.993	0.229	37.011	0.274	37.034	0.302	37.058	0.339	40.873	0.633	40.891	0.658	40.908	0.674	40.932	0.690
37.078	0.376	37.095	0.384	37.113	0.408	37.126	0.445	40.949	0.710	40.965	0.722	40.980	0.722	40.997	0.738
37.149	0.470	37.164	0.449	37.175	0.453	37.189	0.466	41.016	0.754	41.038	0.754	41.061	0.737	41.084	0.720
37.210	0.445	37.231	0.453	37.251	0.486	37.266	0.486	41.105	0.667	41.122	0.687	41.147	0.670	41.167	0.661
37.284	0.515	37.302	0.531	37.322	0.556	37.336	0.564	41.189	0.661	41.208	0.653	41.227	0.632	41.256	0.623
37.351	0.572	37.367	0.580	37.388	0.617	37.406	0.654	41.279	0.623	41.295	0.610	41.316	0.598	41.340	0.585
37.416	0.683	37.432	0.715	37.445	0.777	37.459	0.801	41.355	0.564	41.376	0.548	41.358	0.523	41.419	0.498
37.473	0.842	37.491	0.867	37.509	0.896	37.524	0.912	41.443	0.477	41.472	0.456	41.506	0.467	41.530	0.374
37.540	0.891	37.558	0.850	37.575	0.830	37.594	0.805	41.550	0.341	41.579	0.255	41.604	0.270	41.625	0.254
37.611	0.785	37.628	0.748	37.641	0.707	37.660	0.691	41.646	0.221	41.668	0.200	41.690	0.183	41.707	0.154
37.677	0.691	37.695	0.699	37.712	0.711	37.728	0.719	41.720	0.154	41.736	0.129	41.753	0.117	41.769	0.096
37.739	0.723	37.755	0.728	37.770	0.736	37.792	0.695	41.805	0.059	41.821	0.047	41.840	0.022	41.867	0.001
37.811	0.662	37.833	0.617	37.852	0.576	37.869	0.552	41.891	-0.019	41.908	-0.040	41.929	-0.056	41.947	-0.072
37.883	0.515	37.904	0.474	37.926	0.437	37.938	0.429	41.968	-0.085	41.990	-0.114	42.010	-0.130	42.034	-0.155
37.955	0.400	37.971	0.376	37.987	0.363	38.000	0.331	42.058	-0.175	42.078	-0.156	42.098	-0.204	42.114	-0.224
38.018	0.339	38.030	0.331	38.042	0.331	38.055	0.331	42.139	-0.233	42.159	-0.245	42.179	-0.257	42.200	-0.265
38.070	0.335	38.083	0.347	38.095	0.335	38.110	0.335	42.216	-0.286	42.240	-0.302	42.260	-0.311	42.285	-0.331
38.130	0.315	38.147	0.290	38.164	0.265	38.178	0.245	42.311	-0.372	42.333	-0.393	42.355	-0.357	42.377	-0.413
38.194	0.212	38.215	0.188	38.233	0.163	38.258	0.118	42.397	-0.426	42.423	-0.426	42.447	-0.450	42.470	-0.475
38.279	0.110	38.299	0.065	38.314	0.057	38.331	0.040	42.494	-0.491	42.512	-0.512	42.534	-0.532	42.552	-0.557
38.344	0.028	38.361	0.016	38.375	0.016	38.388	0.015	42.573	-0.557	42.595	-0.565	42.616	-0.565	42.632	-0.565
38.404	0.007	38.419	0.007	38.438	-0.001	38.455	-0.010	42.647	-0.565	42.664	-0.561	42.685	-0.574	42.706	-0.570
38.472	-0.022	38.487	-0.022	38.500	-0.022	38.515	-0.022	42.722	-0.570	42.740	-0.570	42.759	-0.578	42.780	-0.578
38.532	-0.022	38.549	-0.022	38.564	-0.023	38.589	-0.023	42.756	-0.574	42.812	-0.566	42.832	-0.554	42.853	-0.534
38.605	-0.035	38.628	-0.060	38.648	-0.076	38.671	-0.113	42.813	-0.505	42.885	-0.473	42.911	-0.449	42.935	-0.433
38.692	-0.150	38.713	-0.175	38.737	-0.208	38.757	-0.249	42.954	-0.433	42.971	-0.421	42.992	-0.421	43.013	-0.426
38.775	-0.249	38.787	-0.249	38.805	-0.249	38.821	-0.233	43.030	-0.426	43.047	-0.426	43.063	-0.426	43.086	-0.423
38.849	-0.217	38.867	-0.201	38.884	-0.189	38.909	-0.209	43.106	-0.419	43.128	-0.407	43.156	-0.399	43.183	-0.379
38.934	-0.222	38.955	-0.230	38.974	-0.247	38.998	-0.272	43.209	-0.359	43.239	-0.327	43.267	-0.291	43.288	-0.279
39.017	-0.301	39.038	-0.334	39.058	-0.362	39.088	-0.412	43.312	-0.254	43.339	-0.214	43.364	-0.186	43.394	-0.146
39.107	-0.441	39.136	-0.486	39.154	-0.459	39.176	-0.515	43.420	-0.134	43.442	-0.110	43.471	-0.082	43.457	-0.058
39.199	-0.532	39.224	-0.548	39.240	-0.565	39.265	-0.594	43.519	-0.042	43.538	-0.014	43.552	-0.006	43.571	-0.039
39.286	-0.611	39.306	-0.635	39.327	-0.664	39.348	-0.672	43.599	0.071	43.626	0.059	43.644	0.127	43.668	0.143
39.364	-0.693	39.385	-0.713	39.400	-0.738	39.414	-0.738	43.690	0.159	43.707	0.183	43.724	0.203	43.742	0.211
39.425	-0.742	39.440	-0.746	39.453	-0.746	39.467	-0.746	43.762	0.235	43.781	0.255	43.797	0.275	43.813	0.283
39.485	-0.758	39.501	-0.758	39.513	-0.758	39.532	-0.750	43.849	0.332	43.865	0.368	43.885	0.368	43.907	0.405
39.550	-0.709	39.580	-0.664	39.604	-0.618	39.630	-0.577	43.928	0.437	43.947	0.437	43.968	0.461	43.986	0.469
39.659	-0.545	39.677	-0.516	39.711	-0.479	39.731	-0.446	44.002	0.481	44.017	0.489	44.044	0.501	44.064	0.525
39.758	-0.430	39.779	-0.401	39.794	-0.376	39.812	-0.344	44.084	0.529	44.104	0.562	44.127	0.578	44.145	0.606
39.828	-0.331	39.840	-0.315	39.859	-0.298	39.874	-0.278	44.173	0.643	44.195	0.675	44.215	0.703	44.243	0.728
39.890	-0.257	39.903	-0.241	39.915	-0.224	39.927	-0.216	44.270	0.748	44.294	0.719	44.317	0.718	44.340	0.702
39.939	-0.204	39.955	-0.191	39.968	-0.183	39.979	-0.171	44.360	0.689	44.376	0.689	44.395	0.689	44.422	0.669
39.991	-0.170	40.004	-0.162	40.020	-0.129	40.032	-0.129	44.447	0.668	44.470	0.656	44.491	0.644	44.511	0.635

44.535	0.611	44.558	0.590	44.578	0.573	44.600	0.565	48.414	0.330	48.435	0.322	48.457	0.257	48.476	0.281
44.618	0.544	44.636	0.544	44.653	0.544	44.675	0.536	48.493	0.264	48.511	0.248	48.526	0.239	48.546	0.227
44.693	0.519	44.702	0.519	44.712	0.511	44.725	0.511	48.566	0.219	48.579	0.202	48.595	0.190	48.618	0.173
44.738	0.499	44.759	0.486	44.777	0.486	44.795	0.475	48.639	0.157	48.659	0.140	48.681	0.115	48.705	0.103
44.808	0.461	44.823	0.465	44.839	0.449	44.854	0.445	48.727	0.082	48.750	0.061	48.771	0.045	48.789	0.024
44.870	0.429	44.881	0.408	44.894	0.400	44.910	0.375	48.812	0.012	48.833	-0.013	48.852	-0.029	48.872	-0.046
44.924	0.363	44.940	0.330	44.954	0.310	44.967	0.302	48.884	-0.066	48.900	-0.075	48.915	-0.095	48.933	-0.107
44.980	0.269	44.998	0.252	45.010	0.224	45.024	0.216	48.951	-0.132	48.970	-0.136	48.983	-0.149	49.000	-0.165
45.039	0.187	45.054	0.170	45.068	0.150	45.083	0.138	49.013	-0.173	49.031	-0.150	49.045	-0.138	49.060	-0.125
45.097	0.138	45.114	0.101	45.133	0.101	45.144	0.072	49.078	-0.231	49.093	-0.221	49.110	-0.243	49.127	-0.260
45.159	0.072	45.173	0.044	45.192	0.031	45.207	-0.002	49.149	-0.216	49.167	-0.253	49.186	-0.309	49.202	-0.326
45.224	-0.010	45.238	-0.038	45.252	-0.047	45.270	-0.071	49.218	-0.334	49.230	-0.354	49.246	-0.367	49.259	-0.391
45.287	-0.092	45.306	-0.112	45.318	-0.120	45.333	-0.128	49.213	-0.396	49.287	-0.424	49.259	-0.437	49.314	-0.449
45.352	-0.153	45.368	-0.169	45.382	-0.185	45.399	-0.194	49.329	-0.470	49.344	-0.482	49.356	-0.494	49.372	-0.511
45.415	-0.218	45.430	-0.218	45.449	-0.251	45.468	-0.267	49.389	-0.527	49.401	-0.527	49.414	-0.532	49.427	-0.552
45.481	-0.291	45.496	-0.291	45.514	-0.316	45.533	-0.340	49.447	-0.548	49.461	-0.561	49.477	-0.561	49.496	-0.565
45.550	-0.348	45.565	-0.348	45.583	-0.369	45.601	-0.364	49.510	-0.561	49.528	-0.561	49.543	-0.557	49.556	-0.553
45.617	-0.385	45.632	-0.385	45.648	-0.409	45.667	-0.438	49.574	-0.545	49.588	-0.553	49.608	-0.541	49.626	-0.529
45.683	-0.450	45.698	-0.466	45.714	-0.487	45.734	-0.515	49.644	-0.517	49.664	-0.504	49.680	-0.500	49.700	-0.488
45.752	-0.535	45.769	-0.552	45.784	-0.576	45.803	-0.576	49.718	-0.460	49.739	-0.448	49.764	-0.429	49.787	-0.427
45.821	-0.564	45.838	-0.580	45.854	-0.580	45.874	-0.580	49.803	-0.423	49.821	-0.403	49.839	-0.399	49.856	-0.387
45.851	-0.567	45.868	-0.559	45.885	-0.555	45.903	-0.555	49.814	-0.375	49.853	-0.363	49.910	-0.355	49.929	-0.339
45.954	-0.555	45.975	-0.555	45.989	-0.559	46.005	-0.571	49.948	-0.327	49.963	-0.327	49.981	-0.311	50.000	-0.307
46.021	-0.571	46.036	-0.571	46.051	-0.579	46.071	-0.579	50.018	-0.271	50.037	-0.255	50.051	-0.267	50.072	-0.275
46.087	-0.587	46.102	-0.582	46.119	-0.574	46.135	-0.566	50.088	-0.229	50.106	-0.259	50.123	-0.251	50.142	-0.245
46.152	-0.549	46.168	-0.541	46.188	-0.529	46.208	-0.512	50.159	-0.235	50.175	-0.215	50.197	-0.203	50.216	-0.191
46.225	-0.504	46.245	-0.487	46.264	-0.475	46.288	-0.454	50.234	-0.115	50.253	-0.158	50.274	-0.142	50.300	-0.134
46.308	-0.438	46.326	-0.417	46.344	-0.409	46.363	-0.397	50.315	-0.118	50.331	-0.110	50.352	-0.090	50.374	-0.078
46.382	-0.380	46.401	-0.372	46.421	-0.360	46.441	-0.368	50.395	-0.061	50.417	-0.041	50.436	-0.029	50.458	-0.013
46.460	-0.368	46.479	-0.364	46.494	-0.352	46.513	-0.356	50.476	0.008	50.496	0.012	50.519	0.032	50.524	0.036
46.534	-0.335	46.555	-0.319	46.576	-0.298	46.593	-0.274	50.537	0.050	50.552	0.073	50.569	0.089	50.588	0.105
46.614	-0.258	46.634	-0.245	46.655	-0.233	46.676	-0.221	50.603	0.134	50.621	0.138	50.638	0.154	50.655	0.166
46.658	-0.156	46.677	-0.176	46.699	-0.159	46.722	-0.143	50.668	0.183	50.681	0.187	50.694	0.195	50.710	0.207
46.787	-0.126	46.800	-0.114	46.818	-0.098	46.831	-0.086	50.727	0.207	50.743	0.227	50.762	0.219	50.779	0.243
46.848	-0.082	46.864	-0.082	46.886	-0.065	46.905	-0.053	50.798	0.235	50.814	0.251	50.834	0.251	50.849	0.264
46.926	-0.041	46.943	-0.029	46.961	-0.016	46.979	0.012	50.864	0.264	50.880	0.280	50.895	0.280	50.913	0.292
47.000	0.033	47.020	0.045	47.038	0.065	47.059	0.098	50.928	0.292	50.944	0.309	50.960	0.313	50.976	0.329
47.083	0.122	47.103	0.147	47.124	0.159	47.148	0.175	50.951	0.333	51.003	0.346	51.015	0.358	51.037	0.370
47.167	0.200	47.191	0.228	47.216	0.249	47.231	0.269	51.056	0.382	51.071	0.395	51.087	0.403	51.105	0.419
47.248	0.273	47.264	0.289	47.284	0.314	47.305	0.334	51.121	0.415	51.134	0.440	51.151	0.444	51.164	0.444
47.321	0.351	47.341	0.371	47.359	0.392	47.375	0.416	51.178	0.452	51.155	0.448	51.211	0.452	51.226	0.440
47.392	0.428	47.408	0.441	47.426	0.469	47.445	0.498	51.239	0.460	51.257	0.456	51.272	0.456	51.286	0.456
47.462	0.502	47.479	0.514	47.501	0.531	47.517	0.522	51.301	0.468	51.319	0.481	51.335	0.477	51.356	0.489
47.536	0.539	47.551	0.543	47.563	0.567	47.583	0.571	51.315	0.493	51.352	0.485	51.410	0.493	51.425	0.489
47.600	0.588	47.614	0.604	47.632	0.625	47.654	0.645	51.440	0.493	51.451	0.493	51.464	0.480	51.480	0.480
47.672	0.653	47.687	0.653	47.704	0.678	47.722	0.669	51.496	0.468	51.513	0.480	51.529	0.460	51.542	0.468
47.738	0.669	47.755	0.661	47.772	0.653	47.789	0.653	51.556	0.464	51.572	0.442	51.588	0.456	51.600	0.456
47.805	0.653	47.818	0.653	47.836	0.653	47.837	0.653	51.617	0.456	51.634	0.442	51.643	0.435	51.655	0.423
47.852	0.632	47.867	0.632	47.888	0.616	47.908	0.603	51.675	0.419	51.685	0.410	51.702	0.406	51.717	0.402
47.925	0.591	47.944	0.579	47.963	0.574	47.981	0.558	51.728	0.394	51.743	0.354	51.758	0.373	51.776	0.382
47.996	0.562	48.012	0.541	48.027	0.541	48.042	0.533	51.791	0.357	51.805	0.353	51.818	0.340	51.831	0.332
48.059	0.533	48.077	0.517	48.095	0.508	48.112	0.508	51.863	0.332	51.863	0.312	51.875	0.303	51.887	0.295
48.125	0.500	48.144	0.492	48.159	0.492	48.176	0.467	51.903	0.283	51.919	0.262	51.932	0.246	51.950	0.246
48.156	0.467	48.212	0.450	48.230	0.442	48.250	0.426	51.968	0.233	51.986	0.221	51.993	0.205	52.018	0.200
48.270	0.417	48.289	0.397	48.305	0.372	48.325	0.380	52.032	0.196	52.045	0.200	52.063	0.196	52.075	0.196
48.344	0.368	48.362	0.364	48.378	0.351	48.397	0.343	52.098	0.175	52.114	0.171	52.128	0.163	52.141	0.159

52.155	0.155	52.173	0.134	52.188	0.130	52.203	0.114
52.219	0.105	52.234	0.089	52.255	0.072	52.272	0.052
52.289	0.048	52.307	0.027	52.325	0.019	52.345	0.003
52.364	-0.014	52.382	-0.014	52.405	-0.034	52.423	-0.035
52.442	-0.051	52.462	-0.055	52.482	-0.063	52.501	-0.080
52.518	-0.076	52.537	-0.088	52.555	-0.109	52.569	-0.109
52.589	-0.125	52.605	-0.129	52.623	-0.141	52.638	-0.162
52.655	-0.162	52.673	-0.174	52.688	-0.183	52.708	-0.207
52.728	-0.207	52.748	-0.232	52.769	-0.244	52.794	-0.261
52.809	-0.273	52.830	-0.281	52.849	-0.297	52.868	-0.306
52.890	-0.314	52.914	-0.330	52.935	-0.326	52.955	-0.338
52.972	-0.347	52.990	-0.347	53.012	-0.347	53.032	-0.347
53.051	-0.347	53.070	-0.343	53.090	-0.338	53.107	-0.326
53.127	-0.322	53.159	-0.310	53.174	-0.297	53.191	-0.293
53.218	-0.281	53.235	-0.277	53.253	-0.269	53.272	-0.273
53.295	-0.273	53.317	-0.277	53.340	-0.281	53.361	-0.277
53.380	-0.281	53.397	-0.273	53.425	-0.273	53.446	-0.273
53.469	-0.265	53.491	-0.261	53.510	-0.240	53.528	-0.236
53.549	-0.220	53.570	-0.211	53.593	-0.187	53.615	-0.183
53.637	-0.166	53.655	-0.170	53.681	-0.158	53.705	-0.158
53.722	-0.146	53.743	-0.138	53.762	-0.130	53.783	-0.121
53.803	-0.113	53.819	-0.117	53.840	-0.105	53.860	-0.089
53.880	-0.064	53.897	-0.076	53.913	-0.072	53.933	-0.072
53.957	-0.048	53.975	-0.056	54.006	-0.035	54.012	-0.023
54.032	-0.015	54.052	-0.002	54.070	0.006	54.087	0.010
54.108	0.014	54.124	0.030	54.146	0.038	54.164	0.047
54.186	0.063	54.203	0.063	54.226	0.092	54.249	0.092
54.271	0.108	54.290	0.120	54.309	0.120	54.325	0.137
54.347	0.141	54.363	0.157	54.384	0.169	54.398	0.182
54.420	0.194	54.440	0.202	54.456	0.219	54.480	0.243
54.499	0.251	54.516	0.276	54.533	0.296	54.553	0.309
54.573	0.325	54.594	0.354	54.609	0.358	54.626	0.382
54.647	0.403	54.665	0.436	54.686	0.456	54.703	0.481
54.726	0.457	54.746	0.509	54.766	0.518	54.786	0.526
54.813	0.526	54.837	0.530	54.858	0.534	54.881	0.518
54.898	0.526	54.918	0.522	54.941	0.526	54.965	0.530
54.985	0.521	55.008	0.513	55.030	0.505	55.053	0.497
55.073	0.476	55.092	0.464	55.114	0.447	55.134	0.435
55.153	0.415	55.178	0.410	55.203	0.402	55.230	0.394
55.257	0.390	55.281	0.369	55.302	0.361	55.327	0.345
55.352	0.316	55.376	0.295	55.400	0.279	55.426	0.262
55.450	0.250	55.491	0.217	55.512	0.200	55.534	0.200
55.546	0.175	55.570	0.179	55.592	0.154	55.615	0.134
55.633	0.117	55.659	0.101	55.683	0.084	55.708	0.072
55.736	0.059	55.762	0.039	55.785	0.018	55.809	-0.003
55.827	-0.003	55.851	-0.015	55.872	-0.023	55.898	-0.027
55.921	-0.044	55.947	-0.060	55.969	-0.064	55.996	-0.057
56.022	-0.121	56.042	-0.125	56.061	-0.130	56.084	-0.146
56.107	-0.175	56.130	-0.183				

06 INT

71.086 2/9/71 0600PST L.A. 1880 CENTURY PARK E. PENTHOUSE N36W

23320 POINTS 56.195 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3638 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.060	0.016	0.050	0.034	0.064	0.054	0.089	3.009	0.042	3.031	0.002	3.047	-0.032	3.054	-0.032
0.068	0.104	0.082	0.119	0.100	0.109	0.118	0.089	3.078	-0.012	3.101	0.003	3.121	0.018	3.145	0.023
0.137	0.069	0.157	0.054	0.177	0.039	0.193	0.039	3.171	0.013	3.192	0.028	3.215	0.053	3.232	0.127
0.213	0.034	0.233	0.044	0.240	0.049	0.268	0.049	3.246	0.172	3.256	0.162	3.275	0.118	3.295	0.078
0.288	0.049	0.308	0.074	0.332	0.053	0.357	0.053	3.321	0.074	3.334	0.034	3.360	0.044	3.385	0.049
0.379	0.078	0.393	0.069	0.413	0.068	0.432	0.083	3.405	0.074	3.415	0.093	3.443	0.069	3.464	0.019
0.449	0.068	0.472	0.039	0.491	0.029	0.514	0.024	3.484	-0.010	3.494	-0.015	3.512	0.014	3.530	0.054
0.537	0.033	0.557	0.028	0.582	0.019	0.594	0.009	3.543	0.080	3.567	0.064	3.589	0.059	3.609	0.059
0.616	0.013	0.634	0.028	0.652	0.043	0.675	0.058	3.629	0.025	3.635	0.020	3.666	0.074	3.687	0.074
0.693	0.073	0.708	0.057	0.717	0.102	0.733	0.087	3.656	0.154	3.708	0.159	3.723	0.149	3.735	0.144
0.750	0.073	0.767	0.053	0.786	0.058	0.796	0.068	3.753	0.119	3.767	0.084	3.779	0.065	3.793	0.084
0.814	0.048	0.837	0.013	0.854	-0.017	0.871	-0.032	3.807	0.054	3.820	0.109	3.838	0.060	3.851	0.010
0.854	-0.037	0.911	-0.017	0.933	0.018	0.950	0.057	3.862	-0.014	3.878	-0.059	3.887	-0.094	3.896	-0.109
0.965	0.112	0.979	0.161	0.989	0.191	0.999	0.191	3.918	-0.074	3.928	-0.030	3.943	0.025	3.958	0.034
1.014	0.141	1.031	0.092	1.049	0.072	1.064	0.067	3.971	0.084	3.984	0.103	3.995	0.113	4.005	0.093
1.083	0.067	1.105	0.067	1.124	0.047	1.141	0.007	4.020	0.054	4.035	0.024	4.055	0.009	4.076	0.003
1.161	-0.032	1.174	-0.062	1.191	-0.052	1.210	0.002	4.054	-0.012	4.116	-0.017	4.133	-0.022	4.148	-0.037
1.231	0.042	1.248	0.066	1.267	0.071	1.285	0.086	4.125	-0.057	4.185	-0.052	4.195	-0.018	4.210	0.012
1.301	0.091	1.321	0.066	1.338	0.041	1.355	0.041	4.261	0.057	4.234	0.091	4.250	0.086	4.262	0.066
1.376	0.026	1.395	0.007	1.411	-0.008	1.429	-0.028	4.274	0.046	4.288	0.041	4.302	0.056	4.320	0.105
1.448	0.002	1.461	0.042	1.472	0.062	1.490	0.062	4.340	0.154	4.357	0.154	4.381	0.199	4.403	0.218
1.508	0.072	1.532	0.072	1.553	0.077	1.578	0.102	4.418	0.218	4.444	0.178	4.463	0.158	4.492	0.163
1.604	0.112	1.616	0.107	1.633	0.137	1.647	0.147	4.509	0.158	4.523	0.162	4.542	0.162	4.560	0.142
1.663	0.127	1.682	0.073	1.703	0.038	1.726	0.023	4.579	0.122	4.611	0.112	4.608	0.117	4.628	0.087
1.743	0.008	1.757	0.004	1.780	0.043	1.802	0.073	4.647	0.077	4.661	0.057	4.678	0.032	4.696	-0.042
1.820	0.108	1.836	0.113	1.859	0.093	1.875	0.039	4.706	-0.067	4.715	-0.062	4.735	-0.063	4.754	-0.048
1.885	0.014	1.907	0.049	1.921	0.074	1.933	0.104	4.761	-0.038	4.775	-0.028	4.802	-0.004	4.823	0.021
1.952	0.113	1.972	0.064	1.988	0.069	2.008	0.054	4.844	0.021	4.867	0.025	4.883	-0.005	4.893	-0.014
2.024	0.030	2.037	0.020	2.063	0.045	2.077	0.104	4.909	0.025	4.925	0.079	4.941	0.114	4.951	0.119
2.088	0.159	2.099	0.193	2.117	0.189	2.136	0.184	4.971	0.124	4.985	0.134	5.009	0.153	5.033	0.163
2.159	0.184	2.175	0.169	2.193	0.144	2.210	0.075	5.051	0.188	5.059	0.203	5.079	0.173	5.092	0.163
2.230	0.001	2.258	-0.009	2.283	-0.033	2.301	-0.023	5.120	0.187	5.139	0.202	5.162	0.148	5.184	0.118
2.315	0.036	2.326	0.086	2.346	0.110	2.365	0.130	5.203	0.118	5.226	0.147	5.242	0.152	5.264	0.202
2.382	0.106	2.395	0.036	2.423	0.111	2.447	0.111	5.279	0.216	5.296	0.221	5.313	0.206	5.329	0.147
2.471	0.026	2.490	-0.043	2.524	-0.038	2.552	-0.053	5.344	0.082	5.364	-0.002	5.380	-0.057	5.393	-0.091
2.574	0.036	2.593	0.130	2.613	0.190	2.637	0.160	5.410	-0.091	5.431	-0.072	5.450	-0.072	5.469	-0.032
2.663	0.170	2.686	0.175	2.706	0.185	2.730	0.175	5.485	-0.007	5.505	-0.047	5.522	-0.092	5.534	-0.106
2.753	0.130	2.764	0.111	2.788	0.091	2.809	0.021	5.560	-0.062	5.578	-0.017	5.597	0.032	5.611	0.052
2.825	-0.008	2.846	0.012	2.866	0.051	2.878	0.051	5.639	0.062	5.664	0.066	5.687	0.101	5.703	0.101
2.902	0.036	2.927	0.032	2.957	0.042	2.981	0.042	5.728	0.092	5.746	0.106	5.767	0.136	5.795	0.131



5.816	0.126	5.835	0.140	5.855	0.155	5.865	0.170	8.952	C.154	8.966	0.065	8.983	-C.098	8.998	-0.242
5.888	0.116	5.908	0.036	5.931	0.033	5.947	0.083	9.012	-0.381	9.024	-0.505	9.038	-C.584	9.056	-C.560
5.965	-0.058	5.980	-0.073	5.997	-0.018	6.011	-0.036	9.075	-C.540	9.087	-0.501	9.122	-C.501	9.142	-C.501
6.020	0.066	6.030	0.085	6.042	0.160	6.052	0.244	9.156	-0.531	9.169	-0.620	9.179	-C.744	9.184	-C.769
6.060	0.259	6.075	0.259	6.090	0.259	6.103	0.294	9.196	-0.873	9.206	-0.903	9.223	-C.683	9.239	-C.829
6.113	0.338	6.129	0.279	6.149	0.180	6.173	0.061	9.252	-C.715	9.268	-0.532	9.285	-C.379	9.296	-C.230
6.192	-0.043	6.207	-0.122	6.220	-0.122	6.238	-0.043	9.307	-0.166	9.339	-0.037	9.359	-C.037	9.371	C.175
6.253	0.026	6.272	0.021	6.288	0.017	6.304	0.061	9.367	C.200	9.383	0.180	9.403	C.111	9.419	C.017
6.315	0.021	6.340	-0.068	6.370	-0.057	6.390	-0.157	9.430	-C.068	9.448	-C.008	9.464	-C.073	9.476	-0.216
6.405	-0.167	6.427	0.068	6.441	0.007	6.451	0.007	9.485	-0.315	9.499	-0.345	9.511	-C.335	9.526	-C.241
6.463	0.031	6.481	0.051	6.490	0.051	6.505	0.012	9.540	-0.092	9.554	0.031	9.570	C.210	9.587	C.373
6.515	0.012	6.530	0.021	6.556	-0.102	6.573	-0.142	9.609	0.502	9.624	0.666	9.641	C.774	9.659	0.859
6.602	-0.137	6.615	-0.196	6.628	-0.157	6.644	-0.053	9.671	0.559	9.687	C.755	9.699	C.606	9.711	0.527
6.665	0.121	6.676	0.185	6.697	0.413	6.711	0.497	9.740	0.527	9.763	C.616	9.784	C.735	9.806	0.893
6.728	0.586	6.754	0.680	6.769	0.715	6.784	0.646	9.814	C.933	9.832	C.587	9.839	C.592	9.855	C.883
6.803	0.180	6.820	0.457	6.837	0.348	6.856	0.225	9.874	C.690	9.886	0.586	9.903	C.383	9.921	C.215
6.841	-0.053	6.862	-0.097	6.894	-0.107	7.011	-0.136	10.024	0.061	10.045	0.110	10.057	C.145	10.080	C.105
7.032	-0.082	7.049	0.052	7.069	0.206	7.087	0.563	10.092	0.085	10.115	0.080	10.137	0.026	10.152	-0.014
7.105	0.548	7.115	0.617	7.122	0.612	7.136	0.593	10.173	-C.078	10.190	-C.207	10.205	-C.450	10.219	-0.673
7.152	0.543	7.173	0.459	7.196	0.231	7.212	-0.036	10.235	-0.925	10.245	-1.064	10.258	-1.267	10.268	-1.277
7.228	-0.299	7.243	-0.556	7.262	-0.754	7.274	-C.888	10.284	-1.148	10.298	-C.535	10.314	-C.673	10.327	-0.475
7.289	-0.878	7.296	-0.917	7.308	-0.818	7.323	-0.853	10.334	-0.145	10.345	-C.163	10.355	-C.030	10.371	C.194
7.343	-0.610	7.354	-0.377	7.368	-0.204	7.386	-C.065	10.379	C.248	10.395	0.243	10.412	0.223	10.427	C.198
7.405	0.846	7.419	0.267	7.428	0.500	7.437	0.701	10.442	C.287	10.460	0.351	10.473	C.510	10.485	C.589
7.463	0.846	7.477	0.713	7.477	0.554	7.492	0.381	10.451	0.664	10.501	0.485	10.510	C.420	10.525	C.445
7.510	0.222	7.531	0.128	7.554	0.049	7.576	-C.045	10.540	C.574	10.555	0.732	10.566	C.826	10.579	C.801
7.606	0.005	7.620	0.059	7.632	0.153	7.653	C.252	10.585	C.727	10.598	C.638	10.607	C.613	10.620	C.672
7.672	0.381	7.690	0.446	7.703	0.465	7.718	0.723	10.628	C.727	10.640	0.727	10.656	C.652	10.675	C.469
7.733	0.872	7.746	0.842	7.768	0.649	7.790	0.446	10.690	C.380	10.709	C.340	10.735	C.360	10.752	C.245
7.817	0.213	7.817	0.174	7.831	0.189	7.852	0.099	10.771	0.215	10.786	0.101	10.795	-C.027	10.809	-0.102
7.867	-0.039	7.880	-0.118	7.891	-0.099	7.909	0.074	10.819	-0.146	10.833	-0.077	10.850	-C.072	10.859	-C.127
7.918	0.153	7.926	0.173	7.937	0.148	7.948	0.178	10.869	-0.216	10.878	-C.370	10.891	-C.518	10.899	-0.533
7.958	C.277	7.967	0.376	7.974	0.474	7.983	0.583	10.919	-0.498	10.926	-C.468	10.939	-0.518	10.948	-C.537
8.027	0.653	8.037	0.711	8.047	0.622	8.055	C.503	11.030	-C.244	11.042	-0.269	11.055	-C.497	11.070	-0.744
8.066	0.404	8.075	0.290	8.086	0.240	8.103	0.185	11.076	-C.853	11.086	-0.898	11.109	-C.618	11.116	-C.778
8.114	0.111	8.123	-0.023	8.130	-0.083	8.141	-0.038	11.122	-C.744	11.127	-0.689	11.132	-0.620	11.142	-C.550
8.154	-0.004	8.165	0.080	8.176	0.159	8.186	0.293	11.153	-C.545	11.164	-C.530	11.175	-C.481	11.184	-0.406
8.194	0.323	8.204	0.228	8.211	0.090	8.221	-0.044	11.189	-C.337	11.199	-0.218	11.207	-C.149	11.219	-C.079
8.229	-0.139	8.237	-0.188	8.250	-0.228	8.263	-0.268	11.232	-C.119	11.239	-0.158	11.250	-0.212	11.256	-0.252
8.270	-0.322	8.279	-0.461	8.280	-0.526	8.293	-0.580	11.270	-C.287	11.282	-0.242	11.296	-C.133	11.310	-0.024
8.307	-0.729	8.320	-0.843	8.328	-0.663	8.339	-0.799	11.321	-0.004	11.339	-0.064	11.354	-0.003	11.364	-0.036
8.347	-C.690	8.351	-0.646	8.356	-0.616	8.363	-0.512	11.375	C.071	11.389	0.042	11.397	C.007	11.406	-0.012
8.372	-0.403	8.385	-0.398	8.403	-0.374	8.418	-0.394	11.414	-C.012	11.428	0.023	11.439	C.043	11.446	C.683
8.428	-0.370	8.448	-0.345	8.459	-0.251	8.467	-0.212	11.455	0.108	11.465	0.133	11.483	C.118	11.496	C.168
8.477	-0.212	8.488	-0.287	8.502	-0.337	8.510	-0.416	11.504	C.223	11.516	0.253	11.527	C.382	11.539	C.422
8.514	-0.465	8.531	-0.461	8.551	-0.382	8.563	-0.343	11.556	C.467	11.567	C.433	11.586	C.463	11.605	C.404
8.574	-0.269	8.590	-0.274	8.603	-0.151	8.613	-0.077	11.621	0.266	11.636	C.212	11.653	C.163	11.672	C.143
8.622	-0.047	8.629	-0.082	8.639	-0.132	8.648	-0.112	11.683	C.144	11.694	0.149	11.706	C.154	11.720	C.179
8.658	0.021	8.669	0.140	8.679	0.378	8.688	0.546	11.742	C.220	11.754	C.280	11.764	C.280	11.774	C.280
8.674	0.674	8.711	0.768	8.719	0.778	8.740	0.772	11.796	C.231	11.813	0.152	11.838	-C.045	11.856	-C.193
8.753	0.723	8.774	C.722	8.786	0.653	8.791	0.558	11.866	-0.257	11.879	-0.515	11.899	-C.812	11.915	-1.035
8.802	0.464	8.811	0.365	8.821	0.285	8.833	0.240	11.937	-1.064	11.955	-1.069	11.971	-C.925	11.985	-0.707
8.854	C.245	8.869	0.324	8.883	0.438	8.897	0.527	12.016	-C.564	12.034	-C.459	12.043	-C.459	12.054	-C.444
8.906	0.566	8.915	0.556	8.926	0.477	8.939	0.328	12.065	-0.504	12.087	-0.568	12.108	-0.593	12.125	-0.558

12.152	-0.479	12.166	-0.399	12.184	-0.320	12.198	-0.270	15.661	-0.100	15.657	-0.134	15.712	-0.164	15.725	-0.164
12.215	-0.206	12.229	-0.137	12.244	0.002	12.256	0.106	15.739	-0.164	15.750	-0.165	15.767	-0.170	15.786	-0.190
12.274	-0.161	12.295	0.161	12.313	0.171	12.324	0.161	15.807	-0.210	15.827	-0.255	15.848	-0.263	15.863	-0.277
12.342	0.102	12.365	0.033	12.381	0.013	12.402	-0.002	15.880	-0.241	15.892	-0.269	15.904	-0.274	15.909	-0.277
12.423	0.042	12.446	0.111	12.459	0.186	12.487	0.265	15.922	-0.047	15.935	-0.068	15.950	-0.073	15.959	-0.073
12.503	0.364	12.519	0.542	12.537	0.779	12.549	1.002	15.983	-0.612	16.002	-0.493	16.012	-0.354	16.032	-0.166
12.543	0.982	12.560	0.923	12.598	0.838	12.618	0.714	16.046	-0.057	16.065	-0.013	16.082	0.037	16.100	0.111
12.638	0.556	12.648	0.358	12.665	0.215	12.687	-0.019	16.133	0.180	16.153	0.225	16.150	0.269	16.166	0.219
12.705	-0.118	12.721	-0.173	12.739	-0.218	12.752	-0.233	16.184	0.140	16.198	0.100	16.218	0.080	16.234	0.031
12.768	-0.233	12.779	-0.183	12.793	-0.074	12.809	0.069	16.248	-0.019	16.264	-0.053	16.278	-0.123	16.299	-0.182
12.818	0.119	12.834	0.138	12.852	0.212	12.867	0.386	16.317	-0.148	16.329	-0.148	16.342	-0.128	16.356	-0.118
12.881	0.549	12.895	0.698	12.902	0.752	12.916	0.702	16.369	-0.118	16.384	-0.138	16.398	-0.158	16.419	-0.232
12.929	0.603	12.947	0.514	12.960	0.400	12.974	0.286	16.441	-0.277	16.457	-0.277	16.472	-0.247	16.489	-0.208
12.981	0.242	12.993	0.281	13.006	0.346	13.019	0.415	16.501	-0.158	16.515	-0.094	16.529	-0.049	16.542	-0.025
13.033	0.321	13.043	0.237	13.054	0.167	13.061	0.212	16.553	0.005	16.565	0.010	16.576	0.010	16.592	-0.005
13.076	0.251	13.092	0.246	13.104	0.137	13.113	0.048	16.603	-0.015	16.616	-0.055	16.632	-0.139	16.645	-0.193
13.129	-0.086	13.143	-0.160	13.156	-0.304	13.169	-0.522	16.663	-0.268	16.683	-0.357	16.700	-0.431	16.715	-0.496
13.181	-0.601	13.194	-0.551	13.203	-0.467	13.214	-0.393	16.732	-0.555	16.751	-0.560	16.766	-0.555	16.781	-0.605
13.233	-0.413	13.246	-0.383	13.267	-0.225	13.292	0.063	16.795	-0.560	16.813	-0.560	16.841	-0.570	16.860	-0.605
13.307	0.266	13.326	0.508	13.349	0.766	13.361	0.919	16.880	-0.645	16.906	-0.660	16.934	-0.615	16.953	-0.531
13.371	1.036	13.386	1.112	13.405	1.162	13.419	1.191	16.969	-0.506	16.993	-0.437	17.012	-0.323	17.025	-0.239
13.432	1.122	13.450	0.884	13.467	0.557	13.487	0.349	17.041	-0.145	17.058	-0.016	17.073	-0.009	17.089	0.068
13.503	0.215	13.515	0.072	13.536	-0.191	13.547	-0.345	17.102	0.068	17.117	0.068	17.134	0.068	17.153	0.068
13.560	-0.409	13.573	-0.469	13.583	-0.474	13.598	-0.375	17.167	0.068	17.183	0.068	17.196	0.057	17.205	0.053
13.610	-0.241	13.615	-0.201	13.628	-0.137	13.634	-0.182	17.222	0.057	17.230	0.112	17.242	0.122	17.264	0.167
13.645	-0.211	13.663	-0.098	13.674	0.140	13.689	0.408	17.266	0.246	17.285	0.345	17.333	0.414	17.343	0.488
13.707	0.715	13.720	0.893	13.733	1.016	13.744	0.977	17.361	0.518	17.371	0.568	17.386	0.582	17.401	0.602
13.818	0.466	13.837	0.516	13.851	0.600	13.863	0.402	17.416	0.622	17.434	0.562	17.458	0.492	17.540	0.269
13.873	0.030	13.883	0.109	13.891	0.174	13.898	0.203	17.558	0.234	17.572	0.204	17.604	0.154	17.620	0.218
13.908	0.154	13.923	0.065	13.941	-0.307	13.956	-0.490	17.634	0.258	17.652	0.327	17.668	0.367	17.683	0.356
13.965	-0.614	13.982	-0.807	13.993	-1.000	14.007	-0.733	17.688	0.431	17.701	0.450	17.711	0.544	17.728	0.589
14.021	-1.005	14.037	-0.797	14.045	-0.713	14.057	-0.733	17.741	0.618	17.759	0.643	17.779	0.613	17.796	0.568
14.081	-0.534	14.096	-0.346	14.110	-0.158	14.125	-0.009	17.861	0.509	17.878	0.444	17.893	0.424	17.846	0.399
14.135	0.050	14.146	0.104	14.153	0.159	14.163	0.189	17.961	0.344	17.961	0.304	17.974	0.265	17.992	0.249
14.173	0.189	14.186	0.189	14.197	0.174	14.210	0.174	18.004	0.229	18.016	0.215	18.029	0.219	18.041	0.234
14.222	0.174	14.243	0.144	14.264	0.144	14.278	0.154	18.057	0.248	18.078	0.258	18.093	0.273	18.108	0.307
14.303	0.100	14.324	0.060	14.342	0.104	14.358	0.139	18.124	0.307	18.144	0.307	18.158	0.307	18.175	0.331
14.380	0.149	14.405	0.124	14.425	0.095	14.444	0.070	18.154	0.356	18.217	0.440	18.236	0.519	18.252	0.583
14.470	0.154	14.487	0.268	14.498	0.278	14.518	0.268	18.215	0.356	18.290	0.805	18.301	0.879	18.318	0.588
14.536	0.268	14.550	0.332	14.567	0.382	14.585	0.322	18.275	1.052	18.346	1.052	18.359	1.052	18.370	1.052
14.612	0.387	14.624	0.342	14.637	0.317	14.660	0.322	18.331	0.701	18.401	1.037	18.416	0.962	18.433	0.673
14.671	0.268	14.692	0.199	14.708	0.124	14.730	0.020	18.383	1.052	18.401	1.037	18.416	0.962	18.433	0.673
14.743	-0.054	14.764	-0.113	14.787	-0.113	14.804	-0.024	18.451	0.778	18.469	0.654	18.491	0.619	18.516	0.565
14.823	0.040	14.845	0.015	14.870	0.179	14.898	0.362	18.543	0.450	18.565	0.445	18.586	0.380	18.624	0.305
14.901	0.441	14.922	0.490	14.948	0.436	14.966	0.337	18.659	0.166	18.684	0.071	18.715	-0.038	18.749	-0.167
14.982	0.178	14.991	0.089	15.000	0.054	15.022	0.118	18.779	-0.287	18.807	-0.376	18.828	-0.421	18.845	-0.466
15.039	0.014	15.055	-0.026	15.068	-0.026	15.087	-0.001	18.876	-0.470	18.890	-0.417	18.905	-0.363	18.926	-0.299
15.103	0.053	15.128	0.036	15.145	0.043	15.162	0.117	18.940	-0.270	18.953	-0.206	18.968	-0.152	18.990	-0.118
15.181	0.196	15.199	0.246	15.210	0.186	15.227	0.151	19.008	-0.178	19.028	-0.218	19.045	-0.273	19.058	-0.357
15.238	0.216	15.256	0.250	15.269	0.310	15.287	0.235	19.077	-0.432	19.106	-0.542	19.116	-0.626	19.137	-0.706
15.301	0.210	15.321	0.265	15.341	0.324	15.356	0.368	19.153	-0.766	19.168	-0.801	19.190	-0.841	19.216	-0.788
15.377	0.383	15.390	0.452	15.401	0.512	15.435	0.472	19.239	-0.734	19.260	-0.650	19.278	-0.626	19.292	-0.671
15.430	0.462	15.449	0.546	15.473	0.590	15.497	0.511	19.310	-0.731	19.328	-0.650	19.350	-0.593	19.374	-0.589
15.522	0.461	15.540	0.402	15.557	0.352	15.575	0.302	19.356	-0.545	19.419	-0.456	19.446	-0.373	19.467	-0.373
15.592	0.213	15.612	0.099	15.633	0.010	15.663	-0.045	19.452	-0.359	19.517	-0.350	19.535	-0.395	19.564	-0.505

19.585	-0.629	19.601	-0.694	19.616	-0.759	19.635	-0.784	23.721	0.608	23.737	0.544	23.752	0.544	23.766	0.559
19.650	-0.789	19.672	-0.800	19.696	-0.850	19.715	-0.806	23.778	0.559	23.797	0.535	23.816	0.540	23.832	0.565
19.731	-0.762	19.749	-0.753	19.767	-0.743	19.792	-0.694	23.848	0.555	23.865	0.540	23.882	0.540	23.898	0.511
19.819	-0.655	19.850	-0.587	19.882	-0.543	19.900	-0.509	23.918	0.486	23.936	0.427	23.954	0.392	23.971	0.357
19.921	-0.464	19.942	-0.415	19.968	-0.356	19.997	-0.292	23.987	0.318	24.003	0.293	24.015	0.293	24.031	0.308
20.026	-0.243	20.046	-0.154	20.060	-0.049	20.079	-0.120	24.048	0.308	24.067	0.328	24.082	0.328	24.093	0.328
20.100	-0.075	20.125	-0.011	20.144	0.043	20.167	0.122	24.103	0.333	24.115	0.333	24.136	0.334	24.151	0.304
20.184	0.151	20.209	0.265	20.235	0.344	20.255	0.428	24.170	0.245	24.187	0.190	24.204	0.126	24.222	0.012
20.274	0.457	20.292	0.536	20.311	0.472	20.332	0.377	24.244	-0.072	24.265	-0.166	24.289	-0.260	24.308	-0.319
20.348	0.657	20.370	0.738	20.397	0.754	20.418	0.223	24.330	-0.369	24.352	-0.343	24.375	-0.329	24.391	-0.299
20.439	0.312	20.465	0.451	20.487	0.545	20.507	0.649	24.411	-0.304	24.430	-0.279	24.446	-0.328	24.466	-0.392
20.530	0.708	20.554	0.752	20.578	0.792	20.600	0.836	24.467	-0.467	24.504	-0.451	24.524	-0.511	24.543	-0.575
20.618	0.762	20.631	0.717	20.646	0.688	20.666	0.687	24.566	-0.495	24.582	-0.451	24.604	-0.401	24.622	-0.376
20.685	0.697	20.711	0.737	20.728	0.846	20.755	0.900	24.646	-0.415	24.665	-0.445	24.685	-0.479	24.702	-0.469
20.777	0.949	20.806	0.964	20.824	0.905	20.845	0.796	24.723	-0.539	24.736	-0.578	24.756	-0.603	24.782	-0.632
20.933	0.577	20.952	0.597	20.969	0.666	20.989	0.592	24.800	-0.563	24.814	-0.523	24.837	-0.503	24.853	-0.483
21.009	0.859	21.026	0.863	21.048	1.022	21.068	1.032	24.863	-0.666	24.882	-0.522	24.905	-0.547	24.921	-0.606
21.090	1.032	21.107	0.962	21.128	0.858	21.150	0.729	24.941	-0.646	24.965	-0.730	24.986	-0.839	25.004	-0.899
21.174	0.625	21.196	0.570	21.222	0.506	21.247	0.426	25.020	-0.548	25.039	-0.513	25.060	-0.493	25.082	-0.820
21.269	0.357	21.286	0.322	21.303	0.297	21.326	0.222	25.106	-0.647	25.127	-0.617	25.147	-0.582	25.163	-0.548
21.351	0.148	21.375	0.093	21.397	-0.039	21.421	-0.041	25.232	-0.523	25.214	-0.474	25.237	-0.424	25.258	-0.380
21.437	-0.076	21.453	-0.101	21.467	-0.056	21.486	-0.057	25.362	-0.305	25.340	-0.271	25.367	-0.236	25.340	-0.236
21.506	-0.057	21.519	-0.057	21.536	-0.062	21.551	-0.082	25.459	-0.237	25.476	-0.237	25.495	-0.227	25.510	-0.227
21.570	-0.117	21.589	-0.192	21.608	-0.251	21.628	-0.351	25.527	-0.227	25.554	-0.168	25.576	-0.124	25.557	-0.074
21.650	-0.435	21.669	-0.490	21.680	-0.500	21.695	-0.500	25.626	-0.030	25.646	0.010	25.673	0.059	25.709	0.113
21.713	-0.476	21.729	-0.436	21.747	-0.402	21.762	-0.332	25.738	0.187	25.754	0.216	25.776	0.415	25.820	0.514
21.774	-0.308	21.792	-0.323	21.816	-0.358	21.841	-0.452	25.839	0.558	25.856	0.588	25.882	0.563	25.906	0.562
21.857	-0.512	21.875	-0.596	21.897	-0.685	21.915	-0.760	25.926	0.547	25.940	0.547	25.964	0.537	25.989	0.606
21.930	-0.824	21.945	-0.878	21.958	-0.898	21.976	-0.838	26.005	0.670	26.027	0.665	26.048	0.719	26.069	0.739
21.956	-0.774	22.018	-0.719	22.031	-0.555	22.048	-0.605	26.091	0.753	26.113	0.778	26.136	0.807	26.167	0.826
22.058	-0.605	22.073	-0.669	22.094	-0.758	22.106	-0.842	26.154	0.767	26.221	0.667	26.246	0.548	26.270	0.459
22.127	-0.551	22.149	-0.657	22.161	-0.901	22.182	-0.916	26.294	0.424	26.320	0.443	26.348	0.453	26.374	0.507
22.201	-0.842	22.223	-0.757	22.237	-0.658	22.253	-0.589	26.393	0.536	26.424	0.580	26.455	0.629	26.481	0.665
22.329	-0.509	22.338	-0.475	22.355	-0.469	22.369	-0.474	26.506	0.678	26.526	0.717	26.546	0.732	26.568	0.771
22.373	-0.573	22.385	-0.627	22.393	-0.671	22.401	-0.656	26.589	0.810	26.631	0.854	26.658	0.884	26.644	0.884
22.410	-0.725	22.432	-0.719	22.452	-0.718	22.466	-0.747	26.657	0.844	26.676	0.834	26.698	0.784	26.718	0.699
22.483	-0.746	22.494	-0.755	22.515	-0.735	22.534	-0.714	26.742	0.610	26.771	0.520	26.807	0.410	26.842	0.306
22.551	-0.693	22.575	-0.667	22.592	-0.632	22.613	-0.606	26.879	0.226	26.918	0.141	26.953	0.092	26.983	0.042
22.631	-0.605	22.652	-0.549	22.671	-0.504	22.690	-0.453	27.006	0.032	27.028	0.022	27.049	0.002	27.070	0.022
22.705	-0.403	22.720	-0.348	22.741	-0.302	22.759	-0.212	27.093	0.027	27.112	0.031	27.131	0.031	27.157	-0.028
22.779	-0.162	22.792	-0.136	22.810	-0.081	22.827	-0.050	27.185	-0.103	27.209	-0.192	27.235	-0.261	27.264	-0.341
22.844	-0.025	22.862	0.001	22.880	0.017	22.893	0.047	27.295	-0.355	27.325	-0.450	27.348	-0.485	27.367	-0.495
22.904	0.057	22.927	0.039	22.942	0.059	22.956	0.080	27.397	-0.524	27.425	-0.569	27.447	-0.579	27.472	-0.544
22.979	0.110	22.992	0.146	23.005	0.191	23.025	0.207	27.494	-0.509	27.518	-0.455	27.540	-0.484	27.570	-0.439
23.037	0.252	23.052	0.282	23.076	0.333	23.098	0.369	27.594	-0.415	27.625	-0.360	27.645	-0.350	27.669	-0.365
23.116	0.409	23.136	0.410	23.153	0.475	23.175	0.531	27.703	-0.404	27.720	-0.468	27.735	-0.513	27.764	-0.533
23.155	0.532	23.218	0.602	23.232	0.598	23.252	0.564	27.785	-0.503	27.805	-0.453	27.832	-0.507	27.852	-0.512
23.213	0.649	23.285	0.640	23.305	0.651	23.321	0.726	27.869	-0.527	27.894	-0.557	27.921	-0.616	27.946	-0.615
23.235	0.766	23.355	0.831	23.375	0.897	23.392	0.917	27.911	-0.715	27.996	-0.769	28.012	-0.779	28.025	-0.794
23.346	0.917	23.420	0.922	23.436	0.883	23.458	0.863	28.046	-0.749	28.065	-0.675	28.087	-0.600	28.114	-0.566
23.471	0.863	23.486	0.878	23.497	0.878	23.507	0.878	28.141	-0.526	28.172	-0.456	28.192	-0.456	28.211	-0.481
23.519	0.878	23.530	0.893	23.545	0.884	23.564	0.919	28.233	-0.471	28.262	-0.401	28.289	-0.367	28.319	-0.332
23.581	0.934	23.558	0.934	23.614	0.934	23.632	0.899	28.336	-0.307	28.360	-0.223	28.376	-0.203	28.389	-0.188
23.651	0.835	23.670	0.776	23.686	0.707	23.706	0.667	28.412	-0.183	28.433	-0.178	28.451	-0.158	28.472	-0.163
								28.485	-0.164	28.507	-0.154	28.529	-0.119	28.550	-0.099

28.573	-0.075	28.600	-0.035	28.628	-0.011	28.655	0.029	32.329	0.439	32.346	0.335	32.360	C.428	32.375	0.349
28.674	0.063	28.702	0.103	28.726	0.157	28.753	0.217	32.393	0.427	32.408	0.333	32.428	0.391	32.444	0.297
28.715	0.266	28.798	0.325	28.828	0.375	28.842	0.404	32.457	C.366	32.472	C.281	32.492	C.360	32.510	C.275
28.859	0.419	28.880	0.419	28.899	0.433	28.913	C.384	32.525	0.335	32.541	0.254	32.560	C.318	32.576	C.218
28.936	0.368	28.956	0.363	28.967	0.363	28.989	C.407	32.590	0.378	32.605	0.174	32.627	C.262	32.642	C.107
29.005	0.416	29.017	0.426	29.033	0.441	29.050	C.495	32.659	C.176	32.675	C.057	32.691	0.130	32.705	0.016
29.070	C.539	29.083	0.544	29.101	0.573	29.115	0.573	32.727	C.070	32.739	-0.035	32.759	C.024	32.773	C.065
29.135	0.553	29.151	0.562	29.168	0.562	29.184	0.532	32.792	0.013	32.807	-0.081	32.826	-C.018	32.840	-C.077
29.202	C.512	29.217	0.487	29.231	0.452	29.245	0.471	32.858	C.001	32.872	-0.088	32.891	-C.039	32.907	-0.133
29.258	C.496	29.271	0.525	29.281	0.525	29.295	C.515	32.922	-0.079	32.937	-0.158	32.956	-C.158	32.975	C.272
29.310	0.534	29.324	0.535	29.341	0.558	29.358	0.583	32.990	-0.223	33.004	-0.332	33.024	-C.258	33.040	-0.332
29.376	C.587	29.394	0.622	29.409	0.636	29.422	0.641	33.057	-0.223	33.071	-0.308	33.092	-0.223	33.106	-C.283
29.440	0.700	29.450	0.710	29.468	0.744	29.486	0.734	33.124	-0.214	33.139	-0.288	33.157	-0.239	33.172	-0.338
29.501	C.729	29.516	C.758	29.536	0.713	29.550	0.728	33.190	-C.333	33.205	-C.417	33.224	-C.343	33.240	-0.467
29.556	0.693	29.566	0.703	29.579	0.673	29.592	0.643	33.259	-0.403	33.271	-0.477	33.296	-0.398	33.307	-C.442
29.617	0.632	29.642	0.578	29.655	0.563	29.669	0.572	33.326	-0.353	33.341	-0.358	33.359	-0.329	33.374	-0.354
29.690	0.483	29.715	0.502	29.736	0.442	29.749	0.427	33.392	-0.264	33.406	-0.319	33.426	-C.249	33.442	-0.293
29.768	C.427	29.787	0.312	29.804	0.377	29.827	0.312	33.461	-0.238	33.476	-0.302	33.495	-0.253	33.513	-0.332
29.842	0.312	29.859	0.312	29.874	0.252	29.893	0.262	33.530	-C.272	33.546	-0.371	33.563	-C.286	33.569	-0.316
29.912	C.172	29.929	0.192	29.939	0.192	29.955	0.112	33.575	-C.365	33.594	-0.305	33.609	-C.379	33.628	-C.300
29.978	0.137	29.995	0.043	30.022	0.082	30.034	0.003	33.644	-C.364	33.662	-0.289	33.679	-C.358	33.696	-C.289
30.056	0.062	30.075	-0.032	30.096	0.007	30.117	-0.112	33.712	-C.353	33.729	-0.283	33.745	-C.377	33.762	-0.312
30.133	-0.063	30.151	-0.177	30.171	-0.137	30.187	-0.276	33.778	-0.406	33.795	-0.317	33.809	-C.430	33.825	-0.371
30.210	-0.232	30.223	-0.336	30.245	-0.302	30.261	-0.416	33.844	-0.455	33.862	-0.370	33.877	-0.459	33.895	-0.399
30.282	-C.332	30.297	-0.436	30.317	-0.347	30.334	-0.411	33.912	-0.455	33.930	-0.319	33.945	-C.458	33.964	-0.319
30.351	-0.303	30.369	-0.367	30.389	-0.278	30.402	-0.338	33.978	-0.383	33.995	-0.269	34.010	-C.373	34.025	-0.274
30.417	-0.263	30.434	-0.323	30.454	-0.263	30.469	-0.338	34.045	-C.366	34.063	-C.268	34.078	-C.328	34.097	-0.228
30.445	-C.278	30.501	-0.378	30.515	-0.343	30.531	-0.422	34.115	-C.258	34.129	-0.158	34.146	-C.258	34.166	-0.128
30.547	-0.368	30.563	-0.457	30.577	-0.378	30.597	-0.457	34.180	-0.168	34.201	-0.049	34.212	-C.058	34.232	-0.021
30.610	-0.378	30.624	-0.462	30.642	-0.378	30.655	-0.432	34.249	-C.019	34.267	0.011	34.282	-C.041	34.302	C.131
30.673	-0.373	30.687	-0.447	30.702	-0.383	30.719	-0.447	34.319	-C.081	34.335	0.116	34.351	-C.097	34.370	C.181
30.734	-0.378	30.747	-0.477	30.764	-0.408	30.781	-0.487	34.385	0.112	34.402	0.201	34.419	-C.102	34.434	C.181
30.758	-C.418	30.811	-0.507	30.827	-0.453	30.843	-0.532	34.456	C.102	34.471	C.161	34.488	-C.057	34.506	C.182
30.861	-0.477	30.873	-0.601	30.885	-0.552	30.905	-0.656	34.523	0.112	34.540	0.196	34.557	C.112	34.574	0.226
30.919	-C.601	30.932	-0.655	30.950	-0.626	30.965	-0.705	34.591	C.137	34.608	C.211	34.624	C.152	34.642	C.236
30.982	-0.666	30.993	-0.675	31.009	-0.581	31.023	-0.626	34.661	0.132	34.675	C.207	34.694	-C.098	34.709	C.182
31.040	-0.541	31.055	-0.601	31.071	-0.502	31.086	-C.541	34.730	0.058	34.744	C.167	34.764	C.039	34.778	C.113
31.105	-0.442	31.116	-0.467	31.135	-0.373	31.149	-0.447	34.797	0.049	34.813	C.168	34.828	C.014	34.845	0.108
31.169	-0.308	31.180	-0.373	31.197	-0.249	31.215	-C.303	34.863	0.024	34.882	C.143	34.896	C.054	34.918	C.153
31.229	-0.175	31.240	-0.249	31.261	-0.145	31.273	-C.184	34.931	0.069	34.949	0.143	34.965	C.059	34.981	C.158
31.294	-C.046	31.305	-0.105	31.321	-0.001	31.336	-0.060	35.001	C.078	35.017	0.152	35.033	C.103	35.050	C.212
31.355	0.044	31.366	-0.040	31.384	0.059	31.402	0.004	35.067	0.148	35.086	0.222	35.099	C.163	35.118	C.267
31.420	0.078	31.431	0.018	31.448	0.112	31.465	0.058	35.135	0.192	35.153	0.262	35.166	C.232	35.184	C.326
31.483	0.137	31.496	0.082	31.514	0.176	31.531	0.121	35.198	0.272	35.219	0.361	35.232	C.291	35.251	0.371
31.549	0.230	31.563	0.175	31.579	0.264	31.594	C.234	35.271	C.311	35.288	C.381	35.304	C.291	35.318	C.356
31.613	0.348	31.625	0.298	31.644	0.397	31.657	0.357	35.338	C.286	35.353	C.346	35.368	C.277	35.389	C.341
31.678	0.436	31.690	0.377	31.707	0.461	31.722	0.381	35.405	C.271	35.421	C.311	35.436	C.276	35.453	C.345
31.739	0.460	31.753	0.396	31.771	0.460	31.789	C.390	35.475	0.295	35.486	C.314	35.506	C.295	35.520	C.354
31.804	0.469	31.821	0.405	31.836	0.484	31.852	0.414	35.540	C.294	35.554	C.329	35.573	C.225	35.590	C.284
31.871	0.503	31.884	0.419	31.904	0.497	31.922	0.343	35.608	0.175	35.624	0.234	35.639	C.130	35.655	0.209
31.939	0.476	31.949	0.382	31.966	0.431	31.985	0.341	35.675	0.124	35.691	0.203	35.707	C.104	35.725	C.173
31.998	0.405	32.014	0.340	32.032	0.399	32.053	0.309	35.743	C.089	35.760	0.158	35.775	C.049	35.791	0.108
32.066	0.378	32.080	0.294	32.099	0.412	32.114	C.327	35.807	0.009	35.826	0.068	35.840	-C.026	35.857	C.018
32.132	0.416	32.144	0.341	32.164	0.444	32.181	0.375	35.875	-0.061	35.893	0.068	35.909	-0.082	35.924	0.007
32.156	0.468	32.210	0.369	32.229	0.442	32.243	0.338	35.943	-C.073	35.961	0.011	35.977	-C.059	35.991	C.020
32.263	0.417	32.278	0.317	32.295	0.415	32.313	C.336	36.008	-0.074	36.027	0.005	36.041	-0.095	36.061	-0.011

36.079	-0.115	36.094	-0.027	36.111	-0.111	36.128	-0.017	35.754	-0.365	35.768	-0.344	39.765	-0.448	39.800	-0.423
36.146	-0.077	36.162	0.002	36.176	-0.063	36.197	0.031	35.819	-0.517	35.835	-0.478	39.851	-0.552	39.868	-0.502
36.212	-0.024	36.231	0.055	36.245	-0.000	36.263	0.067	35.865	-0.552	35.902	-0.512	39.916	-0.571	39.935	-0.532
36.277	0.009	36.296	0.073	36.311	0.008	36.330	0.067	39.949	-0.576	39.968	-0.536	39.983	-0.586	40.003	-0.531
36.340	-0.022	36.346	-0.003	36.362	0.052	36.379	-0.033	40.019	-0.580	40.037	-0.501	40.053	-0.560	40.068	-0.491
36.398	-0.026	36.405	-0.008	36.414	-0.038	36.431	0.006	40.064	-0.550	40.102	-0.476	40.117	-0.510	40.126	-0.476
36.446	-0.088	36.467	-0.039	36.481	-0.133	36.498	0.094	40.154	-0.515	40.172	-0.470	40.184	-0.510	40.200	-0.465
36.514	-0.188	36.529	-0.153	36.538	-0.178	36.549	-0.238	40.220	-0.510	40.236	-0.430	40.252	-0.486	40.270	-0.450
36.563	-0.198	36.581	-0.268	36.599	-0.218	36.615	-0.263	40.286	-0.489	40.302	-0.420	40.317	-0.479	40.336	-0.425
36.632	-0.214	36.646	-0.254	36.665	-0.189	36.681	-0.219	40.351	-0.454	40.370	-0.405	40.385	-0.479	40.404	-0.430
36.698	-0.145	36.714	-0.190	36.731	-0.140	36.749	-0.215	40.419	-0.415	40.437	-0.331	40.453	-0.385	40.470	-0.321
36.765	-0.300	36.784	-0.275	36.801	-0.245	36.818	-0.344	40.488	-0.361	40.507	-0.312	40.518	-0.361	40.535	-0.307
36.833	-0.300	36.849	-0.369	36.869	-0.325	36.883	-0.380	40.553	-0.352	40.570	-0.257	40.587	-0.352	40.604	-0.288
36.903	-0.310	36.915	-0.360	36.938	-0.271	36.953	-0.315	40.622	-0.328	40.637	-0.273	40.653	-0.323	40.671	-0.284
36.968	-0.246	36.985	-0.311	37.002	-0.271	37.020	-0.345	40.688	-0.289	40.704	-0.259	40.722	-0.289	40.739	-0.205
37.033	-0.316	37.051	-0.415	37.067	-0.370	37.084	-0.464	40.757	-0.240	40.774	-0.146	40.789	-0.191	40.806	-0.102
37.100	-0.435	37.117	-0.524	37.133	-0.460	37.148	-0.499	40.825	-0.127	40.841	-0.028	40.854	-0.067	40.874	-0.027
37.169	-0.410	37.183	-0.455	37.203	-0.361	37.216	-0.385	40.891	-0.003	40.906	0.000	40.922	0.045	40.941	0.119
37.235	-0.272	37.248	-0.296	37.260	-0.227	37.269	-0.202	40.959	0.079	40.973	0.143	40.989	0.084	41.008	0.143
37.281	-0.227	37.301	-0.148	37.314	-0.183	37.334	-0.069	41.022	0.113	41.035	0.167	41.056	0.127	41.075	0.191
37.349	-0.118	37.367	-0.034	37.382	-0.118	37.400	-0.044	41.051	0.156	41.108	0.235	41.124	0.205	41.145	0.259
37.419	-0.138	37.435	-0.089	37.447	-0.173	37.465	-0.118	41.158	0.229	41.178	0.258	41.191	0.253	41.210	0.312
37.481	-0.146	37.500	-0.064	37.515	-0.104	37.532	-0.049	41.227	0.272	41.243	0.321	41.259	0.281	41.278	0.340
37.550	-0.099	37.567	-0.044	37.582	-0.118	37.598	-0.064	41.294	0.310	41.310	0.355	41.325	0.325	41.345	0.374
37.617	-0.148	37.631	-0.104	37.650	-0.178	37.664	-0.158	41.361	0.344	41.377	0.383	41.390	0.348	41.410	0.407
37.685	-0.257	37.699	-0.203	37.716	-0.277	37.731	-0.242	41.427	0.387	41.444	0.446	41.458	0.417	41.475	0.476
37.748	-0.231	37.765	-0.267	37.779	-0.321	37.799	-0.232	41.492	0.436	41.509	0.495	41.526	0.435	41.543	0.465
37.812	-0.267	37.831	-0.183	37.846	-0.227	37.863	-0.148	41.563	0.415	41.578	0.469	41.594	0.410	41.610	0.449
37.881	-0.193	37.897	-0.099	37.912	-0.163	37.930	-0.079	41.625	0.394	41.643	0.463	41.658	0.394	41.677	0.448
37.946	-0.123	37.962	-0.049	37.978	-0.088	37.996	0.006	41.693	0.393	41.711	0.433	41.725	0.373	41.742	0.412
38.009	-0.054	38.032	0.040	38.043	0.006	38.061	0.080	41.760	0.353	41.775	0.387	41.791	0.368	41.808	0.337
38.079	0.091	38.098	0.100	38.110	0.051	38.129	0.100	41.827	0.262	41.842	0.307	41.857	0.222	41.876	0.272
38.146	0.056	38.163	0.120	38.176	0.075	38.194	0.125	41.892	0.197	41.907	0.242	41.925	0.172	41.942	0.242
38.213	0.066	38.231	0.160	38.244	0.105	38.265	0.209	41.962	0.192	41.975	0.237	41.992	0.177	42.010	0.212
38.278	0.175	38.295	0.269	38.311	0.214	38.330	0.314	42.027	0.152	42.044	0.197	42.059	0.113	42.077	0.147
38.345	0.279	38.363	0.363	38.379	0.314	38.395	0.378	42.054	0.078	42.110	0.122	42.127	0.048	42.142	0.093
38.413	0.323	38.428	0.393	38.445	0.353	38.462	0.432	42.161	0.023	42.178	0.078	42.194	-0.011	42.212	0.028
38.480	0.382	38.496	0.432	38.512	0.367	38.527	0.417	42.230	-0.061	42.244	-0.026	42.262	-0.091	42.277	-0.066
38.543	0.367	38.561	0.406	38.577	0.332	38.595	0.391	42.296	-0.150	42.312	-0.121	42.327	-0.205	42.347	-0.170
38.613	0.347	38.630	0.416	38.644	0.361	38.661	0.435	42.363	-0.245	42.376	-0.215	42.395	-0.289	42.412	-0.260
38.679	0.381	38.695	0.430	38.711	0.376	38.729	0.420	42.425	-0.324	42.444	-0.289	42.459	-0.339	42.478	-0.299
38.744	0.385	38.760	0.440	38.777	0.375	38.794	0.439	42.496	-0.349	42.511	-0.295	42.528	-0.364	42.546	-0.324
38.813	0.375	38.828	0.414	38.846	0.345	38.861	0.379	42.562	-0.395	42.576	-0.354	42.593	-0.443	42.611	-0.409
38.878	0.320	38.893	0.369	38.910	0.305	38.924	0.359	42.630	-0.473	42.646	-0.429	42.661	-0.498	42.678	-0.458
38.945	0.259	38.963	0.368	38.979	0.299	38.994	0.338	42.700	-0.523	42.712	-0.473	42.731	-0.552	42.744	-0.513
39.013	0.255	39.029	0.303	39.044	0.244	39.063	0.273	42.765	-0.563	42.778	-0.523	42.796	-0.587	42.812	-0.553
39.081	0.228	39.097	0.283	39.112	0.248	39.129	0.287	42.830	-0.602	42.846	-0.573	42.863	-0.632	42.879	-0.612
39.147	0.242	39.162	0.307	39.177	0.257	39.195	0.311	42.899	-0.677	42.914	-0.628	42.929	-0.658	42.947	-0.648
39.214	0.266	39.229	0.301	39.246	0.246	39.260	0.271	42.962	-0.688	42.982	-0.610	42.995	-0.664	43.016	-0.590
39.282	0.191	39.298	0.221	39.313	0.121	39.331	0.171	43.030	-0.615	43.048	-0.537	43.064	-0.567	43.082	-0.493
39.352	0.061	39.362	0.051	39.381	-0.003	39.399	0.017	43.057	-0.533	43.116	-0.429	43.130	-0.484	43.149	-0.430
39.416	-0.087	39.431	-0.058	39.447	-0.162	39.464	-0.137	43.165	-0.425	43.187	-0.326	43.158	-0.361	43.215	-0.263
39.481	-0.226	39.498	-0.181	39.515	-0.236	39.532	-0.196	43.229	-0.292	43.248	-0.214	43.263	-0.244	43.275	-0.195
39.551	-0.266	39.562	-0.171	39.582	-0.211	39.598	-0.151	43.257	-0.257	43.315	-0.151	43.330	-0.166	43.348	-0.117
39.616	-0.191	39.631	-0.156	39.647	-0.206	39.666	-0.171	43.364	-0.142	43.378	-0.082	43.393	-0.127	43.412	-0.069
39.687	-0.240	39.700	-0.211	39.717	-0.300	39.732	-0.270	43.428	-0.114	43.446	-0.040	43.460	-0.100	43.480	-0.041

43.4453	-0.0681	43.512	-0.012	43.527	-0.052	43.544	0.022	47.245	-0.068	47.262	-0.152	47.279	-0.058	47.300	-0.182
43.552	-0.068	43.579	-0.056	43.594	0.011	43.612	0.080	47.315	-0.118	47.330	-0.207	47.348	-0.143	47.367	-0.203
43.628	0.030	43.645	0.113	43.661	0.058	43.679	0.127	47.382	-0.118	47.395	-0.178	47.414	-0.075	47.429	-0.148
43.656	0.077	43.712	0.131	43.728	0.096	43.746	0.145	47.447	-0.049	47.461	-0.158	47.482	-0.079	47.498	-0.153
43.762	0.107	43.779	0.149	43.795	0.099	43.811	0.163	47.515	-0.084	47.532	-0.178	47.549	-0.124	47.565	-0.213
43.828	0.138	43.847	0.197	43.862	0.157	43.878	0.211	47.581	-0.124	47.595	-0.243	47.615	-0.164	47.632	-0.253
43.856	0.181	43.912	0.255	43.926	0.210	43.943	0.264	47.649	-0.169	47.666	-0.288	47.680	-0.203	47.700	-0.288
43.960	0.219	43.978	0.284	43.994	0.244	44.011	0.298	47.714	-0.203	47.730	-0.283	47.747	-0.223	47.766	-0.288
44.030	0.263	44.044	0.332	44.060	0.292	44.078	0.351	47.783	-0.218	47.795	-0.288	47.815	-0.248	47.831	-0.268
44.055	0.286	44.110	0.341	44.125	0.291	44.143	0.315	47.848	-0.214	47.866	-0.263	47.885	-0.174	47.901	-0.234
44.160	0.281	44.174	0.300	44.195	0.230	44.211	0.275	47.915	-0.145	47.932	-0.229	47.950	-0.130	47.968	-0.189
44.228	0.210	44.242	0.264	44.257	0.199	44.276	0.259	47.982	-0.120	47.999	-0.145	48.018	-0.110	48.034	-0.175
44.254	0.219	44.316	0.283	44.326	0.228	44.345	0.282	48.049	-0.101	48.066	-0.145	48.080	-0.096	48.100	-0.146
44.363	0.232	44.375	0.256	44.352	0.232	44.407	0.281	48.116	-0.061	48.132	-0.161	48.148	-0.086	48.166	-0.156
44.427	0.197	44.444	0.236	44.459	0.162	44.475	0.211	48.184	-0.067	48.199	-0.146	48.219	-0.082	48.234	-0.141
44.454	0.127	44.511	0.186	44.527	0.112	44.543	0.171	48.249	-0.057	48.266	-0.146	48.284	-0.067	48.301	-0.142
44.560	0.077	44.578	0.136	44.556	0.037	44.512	0.097	48.317	-0.067	48.335	-0.157	48.352	-0.068	48.369	-0.142
44.630	-0.003	44.645	0.042	44.661	-0.057	44.679	-0.018	48.386	-0.048	48.403	-0.142	48.420	-0.043	48.435	-0.108
44.658	-0.107	44.711	-0.087	44.730	-0.167	44.743	-0.152	48.450	-0.024	48.467	-0.053	48.486	-0.024	48.504	-0.089
44.767	-0.231	44.778	-0.202	44.797	-0.271	44.807	-0.242	48.519	0.000	48.537	-0.064	48.553	-0.000	48.570	-0.079
44.815	-0.222	44.830	-0.326	44.845	-0.252	44.861	-0.361	48.586	0.010	48.602	-0.060	48.621	0.009	48.636	-0.040
44.877	-0.262	44.897	-0.356	44.913	-0.277	44.926	-0.361	48.653	0.039	48.670	-0.016	48.688	0.028	48.702	-0.002
44.944	-0.297	44.962	-0.366	44.977	-0.297	44.992	-0.376	48.719	0.063	48.739	0.013	48.753	0.082	48.773	0.008
45.009	-0.317	45.029	-0.386	45.042	-0.317	45.060	-0.381	48.787	0.082	48.803	0.017	48.820	0.072	48.838	0.007
45.075	-0.292	45.092	-0.356	45.107	-0.287	45.125	-0.376	48.854	0.076	48.869	-0.003	48.889	0.076	48.905	-0.003
45.143	-0.322	45.161	-0.396	45.176	-0.331	45.193	-0.406	48.921	0.076	48.937	-0.008	48.954	0.036	48.973	-0.024
45.209	-0.346	45.226	-0.425	45.244	-0.366	45.265	-0.450	48.951	0.046	49.006	-0.034	49.025	0.016	49.040	-0.054
45.276	-0.386	45.293	-0.455	45.309	-0.376	45.325	-0.465	49.054	0.026	49.072	-0.049	49.087	0.035	49.107	-0.034
45.341	-0.421	45.363	-0.485	45.387	-0.430	45.408	-0.440	49.123	0.045	49.140	-0.024	49.158	0.060	49.176	0.000
45.426	-0.485	45.443	-0.415	45.457	-0.484	45.474	-0.415	49.191	0.074	49.208	0.010	49.222	0.084	49.241	0.020
45.491	-0.474	45.509	-0.365	45.525	-0.454	45.541	-0.355	49.251	0.089	49.270	0.025	49.284	0.089	49.305	0.019
45.559	-0.419	45.576	-0.325	45.592	-0.369	45.607	-0.285	49.324	0.084	49.340	0.014	49.358	0.093	49.376	0.029
45.634	-0.325	45.653	-0.250	45.674	-0.235	45.694	-0.275	49.390	0.113	49.409	0.034	49.425	0.053	49.445	0.023
45.710	-0.200	45.736	-0.225	45.742	-0.180	45.784	-0.239	49.459	0.073	49.472	-0.026	49.488	0.058	49.506	-0.046
45.843	-0.095	45.873	-0.159	45.874	-0.100	45.891	-0.129	49.524	0.018	49.540	-0.086	49.557	-0.017	49.575	-0.111
45.910	-0.035	45.924	-0.114	45.943	-0.025	45.961	-0.055	49.590	-0.022	49.616	-0.126	49.623	-0.042	49.641	-0.141
45.976	0.015	45.992	-0.040	46.009	0.010	46.029	-0.019	49.723	-0.058	49.740	-0.142	49.757	-0.038	49.773	-0.147
46.043	0.060	46.060	0.006	46.078	0.085	46.095	0.045	49.793	-0.048	49.806	-0.148	49.824	-0.078	49.843	-0.163
46.111	0.130	46.127	0.085	46.144	0.155	46.163	0.145	49.856	-0.089	49.874	-0.163	49.892	-0.054	49.911	-0.168
46.178	0.229	46.195	0.185	46.210	0.254	46.229	0.205	49.927	-0.054	49.942	-0.169	49.959	-0.085	49.977	-0.164
46.245	0.284	46.262	0.205	46.278	0.294	46.297	0.220	49.990	-0.080	50.006	-0.165	50.025	-0.096	50.041	-0.175
46.313	0.285	46.329	0.201	46.344	0.255	46.365	0.181	50.059	-0.096	50.073	-0.186	50.091	-0.057	50.108	-0.171
46.380	0.221	46.396	0.122	46.412	0.176	46.428	0.087	50.124	-0.068	50.141	-0.133	50.157	-0.068	50.174	-0.148
46.446	0.152	46.462	0.048	46.480	0.142	46.499	0.018	50.192	-0.044	50.208	-0.133	50.222	-0.039	50.243	-0.124
46.511	0.082	46.530	0.003	46.549	0.052	46.567	-0.012	50.259	-0.015	50.278	-0.105	50.291	-0.030	50.310	-0.110
46.580	0.033	46.598	-0.052	46.611	0.018	46.628	-0.066	50.324	-0.036	50.341	-0.156	50.356	-0.017	50.376	-0.151
46.645	0.028	46.661	-0.052	46.677	0.033	46.698	-0.042	50.391	-0.032	50.405	-0.156	50.425	-0.062	50.442	-0.151
46.713	0.048	46.729	-0.027	46.746	0.067	46.762	0.003	50.457	-0.047	50.473	-0.146	50.489	-0.087	50.507	-0.161
46.781	0.097	46.798	0.018	46.815	0.102	46.829	0.048	50.525	-0.092	50.537	-0.177	50.557	-0.112	50.575	-0.192
46.846	0.137	46.859	0.062	46.878	0.147	46.896	0.057	50.591	-0.108	50.606	-0.177	50.624	-0.128	50.643	-0.192
46.912	0.136	46.927	0.052	46.946	0.117	46.965	0.037	50.658	-0.123	50.672	-0.152	50.691	-0.118	50.706	-0.203
46.980	0.111	46.997	0.002	47.011	0.082	47.028	0.002	50.724	-0.115	50.735	-0.203	50.759	-0.144	50.777	-0.198
47.046	0.071	47.062	-0.028	47.079	0.047	47.099	-0.023	50.790	-0.145	50.807	-0.219	50.823	-0.149	50.842	-0.213
47.113	0.046	47.133	-0.048	47.148	0.026	47.167	-0.068	50.856	-0.144	50.873	-0.219	50.891	-0.139	50.909	-0.209
47.180	-0.008	47.197	-0.083	47.213	-0.053	47.233	-0.128	50.924	-0.115	50.941	-0.189	50.956	-0.050	50.976	-0.159

50.993	-0.066	51.009	-0.139	51.027	-0.021	51.045	-0.105	54.738	-0.080	54.754	-0.164	54.771	-0.080	54.788	-0.164
50.061	-0.016	51.077	-0.100	51.093	-0.001	51.108	-0.075	54.806	-0.090	54.815	-0.164	54.837	-0.090	54.853	-0.174
51.124	0.065	51.139	-0.085	51.155	0.019	51.176	-0.055	54.869	-0.085	54.886	-0.169	54.902	-0.085	54.919	-0.159
51.192	0.039	51.206	-0.040	51.226	0.034	51.241	-0.031	54.936	-0.070	54.954	-0.164	54.968	-0.060	54.987	-0.174
51.256	0.059	51.275	-0.035	51.294	0.064	51.310	-0.006	55.005	-0.065	55.024	-0.165	55.041	-0.080	55.058	-0.175
51.328	0.078	51.344	-0.031	51.361	0.059	51.378	-0.035	55.074	-0.056	55.089	-0.165	55.104	-0.056	55.120	-0.145
51.393	0.049	51.411	-0.050	51.427	0.029	51.446	-0.060	55.137	-0.041	55.154	-0.140	55.171	-0.036	55.190	-0.145
51.459	0.035	51.477	-0.070	51.495	0.004	51.511	-0.075	55.217	-0.056	55.226	-0.155	55.235	-0.076	55.256	-0.165
51.527	0.029	51.544	-0.085	51.560	-0.001	51.581	-0.085	55.273	-0.076	55.290	-0.175	55.308	-0.076	55.326	-0.161
51.556	0.001	51.569	-0.091	51.626	-0.001	51.647	-0.051	55.342	-0.076	55.354	-0.170	55.373	-0.071	55.390	-0.161
51.664	-0.006	51.677	-0.091	51.696	-0.002	51.717	-0.091	55.408	-0.052	55.423	-0.156	55.442	-0.062	55.457	-0.166
51.731	-0.007	51.746	-0.056	51.761	-0.027	51.779	-0.106	55.474	-0.062	55.491	-0.166	55.510	-0.057	55.525	-0.167
51.754	-0.012	51.811	-0.106	51.826	-0.012	51.843	-0.096	55.543	-0.092	55.558	-0.177	55.574	-0.103	55.591	-0.172
51.861	-0.007	51.876	-0.086	51.894	0.008	51.912	-0.076	55.611	-0.083	55.626	-0.187	55.643	-0.098	55.656	-0.187
51.931	0.018	51.948	-0.077	51.961	0.003	51.980	-0.072	55.671	-0.083	55.691	-0.188	55.707	-0.123	55.724	-0.178
51.996	0.027	52.012	-0.062	52.030	0.017	52.047	-0.057	55.738	-0.119	55.756	-0.186	55.774	-0.124	55.790	-0.188
52.064	-0.008	52.080	-0.072	52.098	0.012	52.114	-0.073	55.808	-0.099	55.824	-0.198	55.840	-0.109	55.856	-0.189
52.132	-0.008	52.148	-0.053	52.166	-0.003	52.185	-0.058	55.873	-0.095	55.888	-0.184	55.907	-0.115	55.927	-0.179
52.199	-0.014	52.215	-0.108	52.234	-0.019	52.249	-0.103	55.943	-0.095	55.955	-0.184	55.973	-0.090	55.992	-0.174
52.264	-0.024	52.281	-0.123	52.298	-0.034	52.316	-0.123	56.007	-0.090	56.025	-0.175	56.035	-0.090	56.055	-0.174
52.333	-0.024	52.351	-0.118	52.367	-0.044	52.385	-0.113	56.076	-0.055	56.090	-0.154	56.108	-0.055	56.125	-0.135
52.400	-0.029	52.417	-0.114	52.434	-0.015	52.450	-0.109	56.140	-0.045	56.156	-0.125	56.177	-0.031	56.195	-0.095
52.470	-0.059	52.485	-0.153	52.503	-0.074	52.520	-0.148								
52.535	-0.074	52.550	-0.173	52.571	-0.084	52.586	-0.164								
52.605	-0.089	52.620	-0.159	52.636	-0.070	52.657	-0.149								
52.670	-0.075	52.687	-0.144	52.708	-0.070	52.724	-0.144								
52.740	-0.095	52.756	-0.164	52.770	-0.100	52.788	-0.179								
52.803	-0.085	52.819	-0.175	52.839	-0.105	52.856	-0.164								
52.872	-0.085	52.886	-0.164	52.902	-0.080	52.920	-0.179								
52.935	-0.080	52.951	-0.154	52.971	-0.085	52.988	-0.144								
53.004	-0.075	53.022	-0.149	53.038	-0.045	53.057	-0.139								
53.072	-0.055	53.088	-0.144	53.106	-0.060	53.121	-0.135								
53.142	-0.070	53.157	-0.159	53.170	-0.080	53.187	-0.164								
53.204	-0.075	53.220	-0.169	53.238	-0.065	53.256	-0.154								
53.274	-0.055	53.287	-0.154	53.302	-0.050	53.322	-0.154								
53.338	-0.045	53.352	-0.159	53.371	-0.060	53.386	-0.144								
53.404	-0.060	53.422	-0.164	53.438	-0.080	53.453	-0.174								
53.465	-0.080	53.486	-0.189	53.503	-0.075	53.521	-0.159								
53.538	-0.085	53.555	-0.164	53.571	-0.070	53.580	-0.179								
53.604	-0.070	53.620	-0.164	53.636	-0.085	53.653	-0.159								
53.671	-0.050	53.687	-0.164	53.706	-0.095	53.721	-0.179								
53.739	-0.065	53.753	-0.154	53.770	-0.055	53.788	-0.149								
53.802	-0.031	53.818	-0.130	53.834	-0.055	53.850	-0.135								
53.869	-0.031	53.887	-0.135	53.904	-0.035	53.920	-0.144								
53.936	-0.031	53.953	-0.135	53.969	-0.050	53.988	-0.135								
54.006	-0.035	54.019	-0.135	54.035	-0.040	54.051	-0.130								
54.068	-0.040	54.085	-0.125	54.100	-0.026	54.120	-0.100								
54.132	-0.026	54.152	-0.105	54.168	-0.021	54.185	-0.085								
54.201	-0.001	54.217	-0.075	54.234	0.004	54.254	-0.080								
54.267	0.004	54.283	-0.060	54.300	0.004	54.317	-0.065								
54.333	0.024	54.349	-0.065	54.372	0.014	54.384	-0.085								
54.402	0.024	54.416	-0.075	54.435	0.014	54.450	-0.075								
54.469	-0.001	54.483	-0.080	54.503	-0.011	54.520	-0.105								
54.533	-0.026	54.550	-0.130	54.565	-0.040	54.585	-0.125								
54.602	-0.040	54.620	-0.135	54.638	-0.060	54.653	-0.139								
54.668	-0.060	54.686	-0.149	54.706	-0.085	54.721	-0.154								

71.086 2/5/71 C600PST L.A.1880 CENTURY PARK E. PENTHOUSE DOWN

3905 PCINTS 56.191 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3589 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.034	0.005	-0.165	0.015	-0.201	0.019	-0.205	1.460	-0.050	1.469	-0.154	1.478	-0.253	1.487	-0.343
0.028	-0.187	0.035	-0.156	0.045	-0.133	0.052	-0.088	1.496	-0.438	1.514	-0.438	1.528	-0.402	1.547	-0.370
0.059	-0.048	0.068	0.025	0.074	0.083	0.082	0.142	1.555	-0.275	1.562	-0.167	1.571	-0.032	1.578	0.122
0.090	0.049	0.097	0.246	0.105	0.282	0.112	0.277	1.586	0.212	1.591	0.302	1.597	0.451	1.603	0.550
0.118	0.246	0.126	0.214	0.139	0.155	0.151	0.057	1.612	0.636	1.627	0.645	1.639	0.641	1.653	0.609
0.161	0.066	0.173	0.006	0.185	-0.034	0.195	-0.079	1.663	0.460	1.671	0.388	1.681	0.212	1.689	0.064
0.206	-0.053	0.212	-0.134	0.223	-0.165	0.233	-0.174	1.658	-0.130	1.706	-0.253	1.713	-0.491	1.722	-0.604
0.243	-0.174	0.251	-0.197	0.257	-0.233	0.265	-0.235	1.730	-0.635	1.746	-0.550	1.758	-0.559	1.766	-0.540
0.278	-0.224	0.288	-0.179	0.296	-0.125	0.306	-0.075	1.717	-0.531	1.788	-0.527	1.758	-0.486	1.806	-0.423
0.317	-0.030	0.327	-0.068	0.337	0.019	0.346	0.056	1.811	-0.342	1.819	-0.215	1.830	0.019	1.843	0.321
0.354	0.074	0.362	0.083	0.371	0.087	0.379	0.101	1.852	0.356	1.862	0.813	1.867	0.917	1.871	0.549
0.386	0.096	0.398	0.073	0.401	0.073	0.412	0.105	1.878	0.903	1.888	0.705	1.900	0.462	1.913	0.214
0.422	0.123	0.434	0.137	0.444	0.123	0.458	0.123	1.920	0.020	1.929	-0.102	1.938	-0.233	1.942	-0.246
0.470	0.114	0.480	0.114	0.492	0.105	0.500	0.056	1.956	-0.382	1.964	-0.402	1.974	-0.445	1.983	-0.427
0.510	0.082	0.522	0.078	0.534	0.073	0.542	0.046	1.992	-0.436	2.005	-0.395	2.017	-0.395	2.031	-0.359
0.552	0.015	0.565	-0.044	0.577	-0.103	0.590	0.166	2.041	-0.183	2.057	-0.025	2.069	0.101	2.076	0.259
0.600	-0.238	0.610	-0.292	0.619	-0.351	0.628	-0.396	2.064	0.318	2.089	0.372	2.101	0.417	2.112	0.440
0.642	-0.432	0.658	-0.405	0.669	-0.365	0.681	-0.247	2.122	0.417	2.132	0.381	2.147	0.233	2.156	0.129
0.693	-0.130	0.701	-0.013	0.713	0.154	0.722	0.352	2.161	0.053	2.190	0.102	2.207	0.048	2.234	0.012
0.733	0.465	0.743	0.533	0.752	0.564	0.764	0.578	2.263	-0.052	2.295	-0.209	2.314	-0.590	2.323	-0.290
0.773	0.537	0.786	0.447	0.798	0.366	0.806	0.294	2.334	-0.330	2.341	-0.339	2.347	-0.599	2.355	-0.132
0.815	0.172	0.826	0.073	0.835	-0.058	0.842	-0.144	2.361	-0.055	2.370	-0.040	2.383	-0.031	2.398	0.035
0.851	-0.234	0.861	-0.288	0.869	-0.388	0.880	-0.505	2.409	-0.005	2.415	-0.015	2.425	0.053	2.438	0.161
0.890	-0.555	0.904	-0.600	0.915	-0.600	0.928	-0.573	2.444	0.175	2.453	0.319	2.459	0.364	2.471	0.378
0.940	-0.492	0.946	-0.455	0.955	-0.316	0.961	-0.221	2.482	0.545	2.488	0.613	2.498	0.554	2.506	0.419
0.965	-0.077	0.972	0.005	0.977	0.158	0.980	0.217	2.523	0.261	2.531	0.139	2.542	-0.136	2.547	-0.208
0.984	0.320	0.989	0.447	0.994	0.550	1.002	0.690	2.557	0.452	2.567	0.583	2.575	-0.646	2.584	-0.621
1.008	0.771	1.016	0.825	1.027	0.767	1.038	0.667	2.593	-0.529	2.602	-0.452	2.616	-0.258	2.624	-0.213
1.048	0.519	1.054	0.424	1.061	0.320	1.067	0.275	2.639	-0.190	2.649	-0.100	2.656	-0.037	2.662	0.013
1.073	0.158	1.082	0.058	1.088	0.018	1.101	-0.041	2.686	0.152	2.696	0.279	2.714	0.446	2.728	0.615
1.114	-0.118	1.125	-0.199	1.139	-0.253	1.152	-0.360	2.746	0.653	2.754	0.653	2.773	0.369	2.787	0.125
1.159	-0.469	1.166	-0.564	1.169	-0.564	1.177	-0.614	2.797	-0.073	2.805	-0.159	2.816	-0.467	2.827	-0.578
1.189	-0.573	1.196	-0.474	1.199	-0.429	1.206	-0.379	2.841	-0.646	2.854	-0.578	2.867	-0.461	2.874	-0.411
1.214	-0.217	1.222	-0.131	1.227	-0.019	1.233	0.076	2.909	-0.289	2.916	-0.262	2.932	-0.122	2.947	0.017
1.240	0.139	1.250	0.284	1.257	0.329	1.265	0.279	2.962	0.153	2.974	0.302	2.985	0.392	3.014	0.469
1.270	0.211	1.277	0.103	1.283	0.062	1.294	0.080	3.036	0.365	3.044	0.311	3.054	0.144	3.060	0.031
1.303	0.108	1.314	0.067	1.322	0.017	1.333	-0.005	3.076	-0.140	3.091	-0.244	3.104	-0.216	3.114	-0.176
1.344	-0.001	1.355	0.049	1.363	0.089	1.369	0.112	3.138	-0.207	3.164	-0.180	3.187	-0.135	3.218	-0.044
1.382	0.107	1.392	0.202	1.403	0.270	1.412	0.334	3.235	0.159	3.246	0.253	3.260	0.326	3.288	0.699
1.422	0.347	1.436	0.261	1.445	0.160	1.452	0.063	3.279	0.186	3.285	0.145	3.313	-0.076	3.321	-0.189



3.344	-0.089	3.361	-0.053	3.375	-0.062	3.386	-0.093	6.317	C.152	6.324	0.139	6.336	C.202	6.344	C.202
3.4C5	-0.008	3.421	0.069	3.443	0.056	3.463	0.182	6.354	C.315	6.368	0.428	6.379	0.396	6.387	0.261
3.477	C.259	3.486	-0.259	3.508	-0.025	3.522	-0.129	6.413	-C.204	6.403	-0.014	6.413	-C.290	6.421	-0.590
3.542	-0.165	3.557	-0.246	3.564	-0.264	3.585	-0.161	6.433	-C.511	6.442	-0.619	6.452	-C.718	6.465	-0.664
3.555	-C.102	3.606	-0.057	3.625	-0.124	3.629	-0.147	6.480	-C.533	6.490	-C.444	6.459	-C.226	6.505	-C.114
3.647	-0.102	3.659	-0.115	3.679	0.020	3.687	0.056	6.513	-C.051	6.523	0.253	6.527	C.491	6.531	0.626
3.656	0.133	3.705	0.146	3.716	0.070	3.724	0.065	6.544	C.604	6.553	C.757	6.567	C.865	6.577	1.018
3.735	0.115	3.742	0.165	3.756	0.174	3.774	0.219	6.587	1.203	6.594	1.118	6.603	C.982	6.614	0.834
3.763	0.129	3.817	-0.093	3.841	-0.007	3.870	-0.128	6.624	C.581	6.631	C.342	6.641	0.125	6.648	-0.032
3.865	-0.268	3.894	-0.268	3.906	-0.332	3.920	-0.265	6.656	C.303	6.666	C.538	6.677	-C.790	6.685	-1.016
3.933	-0.169	3.951	-0.156	3.958	-0.125	3.969	0.092	6.695	-1.129	6.705	-1.065	6.717	-1.056	6.734	-0.521
3.981	0.335	3.986	0.457	3.997	0.493	4.012	0.461	6.744	-0.786	6.754	-C.380	6.762	-C.380	6.768	-0.281
4.025	C.488	4.044	0.348	4.061	0.281	4.076	0.208	6.774	-C.177	6.787	-C.051	6.793	-C.032	6.802	0.193
4.055	0.140	4.111	-0.049	4.125	-0.270	4.141	-0.424	6.810	0.500	6.815	C.703	6.825	0.888	6.835	C.573
4.151	-0.556	4.165	-0.573	4.172	-0.573	4.187	-0.623	6.851	C.937	6.855	C.537	6.871	C.793	6.879	0.563
4.196	-0.433	4.203	-0.433	4.220	-0.267	4.233	-0.091	6.883	C.414	6.895	C.112	6.902	-C.268	6.911	-0.474
4.242	0.071	4.251	0.180	4.257	0.297	4.268	0.373	6.918	-C.610	6.930	-0.840	6.940	-C.755	6.951	-0.524
4.283	C.355	4.303	0.409	4.312	0.387	4.332	0.197	6.971	-C.402	6.984	-C.221	6.991	-C.104	7.003	C.171
4.340	0.116	4.349	0.025	4.361	-0.155	4.387	-0.304	7.010	0.203	7.018	0.144	7.033	0.081	7.043	C.077
4.408	-0.286	4.417	-0.232	4.430	-0.133	4.441	-0.057	7.054	0.104	7.064	C.063	7.073	-C.059	7.087	-C.239
4.446	-0.007	4.461	0.069	4.469	0.074	4.482	0.047	7.092	-C.262	7.101	-C.185	7.107	-C.018	7.112	0.144
4.453	-0.012	4.500	-0.021	4.518	0.064	4.529	0.132	7.120	0.402	7.123	C.433	7.132	C.343	7.137	0.066
4.542	0.154	4.559	0.222	4.573	0.159	4.586	0.023	7.142	-C.153	7.150	-C.275	7.153	-C.257	7.163	-0.031
4.552	C.010	4.610	0.041	4.626	-0.022	4.648	-0.050	7.180	C.140	7.195	C.172	7.210	C.145	7.225	C.244
4.656	-0.054	4.668	0.050	4.675	0.189	4.691	0.248	7.235	0.113	7.243	-C.080	7.255	-C.306	7.263	-0.383
4.702	0.171	4.715	0.090	4.732	0.148	4.752	0.053	7.273	-C.275	7.275	-C.148	7.286	-C.001	7.297	-C.040
4.770	-0.132	4.791	-0.312	4.804	-0.461	4.819	-0.475	7.307	-C.342	7.321	-0.572	7.336	-C.075	7.348	-C.657
4.835	-0.344	4.850	-0.105	4.858	0.052	4.873	0.187	7.358	-C.775	7.366	-C.946	7.371	-C.950	7.386	-C.675
4.883	C.228	4.891	0.205	4.912	0.205	4.920	0.196	7.396	-0.166	7.407	C.313	7.418	C.940	7.431	1.752
4.931	0.138	4.948	0.192	4.961	0.259	4.976	0.331	7.439	2.248	7.443	2.469	7.448	C.496	7.452	2.365
5.007	0.340	5.018	0.236	5.031	0.006	5.043	0.006	7.463	1.761	7.470	1.053	7.484	C.520	7.489	C.471
5.036	-C.075	5.049	-0.075	5.066	-0.021	5.082	-0.029	7.504	-0.201	7.515	-C.734	7.519	-C.846	7.527	C.734
5.098	0.006	5.116	0.015	5.127	-0.021	5.146	-0.157	7.534	-C.684	7.542	-0.688	7.553	-0.900	7.562	-1.031
5.155	-C.236	5.164	-0.265	5.185	-0.251	5.208	-0.274	7.578	-1.288	7.591	-1.318	7.603	-1.536	7.614	-1.798
5.228	C.270	5.241	-0.193	5.252	0.001	5.269	0.123	7.620	-1.951	7.627	-1.583	7.634	-1.865	7.640	-1.676
5.278	C.159	5.293	0.307	5.302	0.370	5.309	0.393	7.646	-1.356	7.655	-0.545	7.665	-0.287	7.674	C.336
5.321	C.361	5.362	0.312	5.373	0.163	5.386	-0.004	7.685	1.003	7.694	1.256	7.704	1.775	7.712	2.415
5.399	-0.113	5.417	-0.356	5.434	-0.359	5.443	-0.645	7.717	2.713	7.721	2.934	7.725	2.690	7.733	2.596
5.455	-C.668	5.469	-0.577	5.479	-0.442	5.492	-0.221	7.738	2.154	7.744	1.734	7.757	1.116	7.761	1.057
5.506	-0.036	5.515	0.108	5.527	0.271	5.540	0.361	7.772	C.584	7.775	C.525	7.785	C.052	7.794	-0.016
5.549	0.406	5.566	0.546	5.581	0.640	5.588	0.685	7.800	-0.169	7.811	-0.011	7.815	-0.020	7.823	C.020
5.600	0.613	5.610	0.469	5.621	0.329	5.630	0.194	7.830	-C.282	7.835	-C.426	7.843	-0.809	7.847	-C.963
5.644	C.022	5.659	-0.131	5.671	-0.258	5.680	-0.370	7.855	-1.477	7.866	-1.626	7.871	-1.892	7.875	-2.032
5.701	-0.370	5.722	-0.375	5.741	-0.375	5.760	-0.343	7.881	-2.077	7.893	-2.254	7.897	-2.325	7.909	-2.023
5.783	-0.285	5.787	-0.271	5.799	-0.294	5.820	-0.136	7.915	-1.571	7.925	-1.045	7.942	-C.296	7.952	0.204
5.839	0.004	5.853	0.157	5.865	0.352	5.873	0.604	7.954	0.804	7.978	1.607	7.989	1.999	8.008	-C.040
5.884	C.734	5.894	0.779	5.903	0.739	5.917	0.604	8.024	2.075	8.037	C.071	8.050	1.913	8.059	1.281
5.921	0.545	5.930	0.518	5.943	0.337	5.949	0.062	8.069	0.659	8.077	C.004	8.086	-C.578	8.095	-1.024
5.958	-0.154	5.968	-0.299	5.978	-0.371	5.991	-0.520	8.107	-1.255	8.119	-1.322	8.125	-1.521	8.132	-1.959
5.977	-0.569	6.007	-0.569	6.019	-0.533	6.024	-0.520	8.139	-2.360	8.145	-2.464	8.160	-2.293	8.170	-2.067
6.033	-0.524	6.045	-0.028	6.052	-0.028	6.058	0.121	8.175	-1.761	8.182	-1.409	8.192	-1.134	8.201	-1.039
6.067	0.216	6.080	0.148	6.087	0.107	6.103	0.148	8.216	-0.304	8.233	0.264	8.243	C.940	8.241	1.233
6.116	0.211	6.129	0.093	6.142	0.270	6.158	0.355	8.258	1.585	8.270	2.655	8.276	2.261	8.287	2.388
6.175	0.247	6.187	0.116	6.196	0.035	6.209	-0.217	8.293	2.455	8.299	2.253	8.303	2.099	8.310	1.548
6.218	-0.511	6.227	-0.515	6.243	-0.574	6.258	-0.493	8.318	C.651	8.325	C.453	8.328	C.317	8.334	0.032
6.275	-0.249	6.286	-0.181	6.296	0.113	6.301	0.103	8.344	-C.590	8.353	-C.587	8.358	-1.118	8.368	-1.601

8.376	-1.754	8.384	-1.575	8.392	-2.097	8.405	-1.544	10.752	-0.582	10.806	-0.524	10.812	-0.524	10.824	-0.348
8.414	-1.827	8.424	-1.425	8.438	-0.790	8.454	0.112	10.836	-0.118	10.848	0.180	10.862	0.500	10.873	0.640
8.468	0.824	8.484	1.378	8.507	2.009	8.514	2.140	10.883	0.685	10.895	0.807	10.901	0.807	10.910	0.766
8.524	2.171	8.533	2.022	8.540	1.743	8.557	1.201	10.917	0.717	10.934	0.742	10.944	0.541	10.953	0.261
8.559	0.831	8.566	0.714	8.579	0.353	8.597	-0.063	10.968	-0.000	10.979	-0.320	10.992	-0.410	11.001	-0.410
8.556	-0.536	8.606	-0.915	8.621	-1.281	8.633	-1.584	11.011	-0.442	11.022	-0.410	11.032	-0.515	11.041	-0.229
8.641	-1.683	8.653	-1.589	8.665	-1.237	8.687	-1.084	11.052	-0.058	11.058	0.028	11.068	0.028	11.082	-0.256
8.652	-0.678	8.708	-0.024	8.718	0.526	8.727	0.895	11.090	-0.297	11.100	0.064	11.109	0.064	11.119	0.213
8.735	1.054	8.741	1.107	8.748	1.062	8.754	1.035	11.127	0.231	11.137	0.168	11.141	0.168	11.148	-0.138
8.764	1.048	8.776	0.939	8.788	0.768	8.794	0.691	11.158	-0.382	11.178	-0.711	11.188	-0.711	11.200	-0.431
8.807	0.862	8.812	0.903	8.820	0.740	8.823	0.632	11.206	-0.305	11.213	0.183	11.225	0.124	11.236	-0.124
8.834	0.262	8.847	-0.316	8.855	-0.654	8.871	-0.804	11.248	-0.038	11.257	0.064	11.267	0.179	11.279	0.215
8.887	-1.007	8.893	-1.047	8.903	-0.872	8.915	-0.606	11.294	0.192	11.310	0.265	11.317	0.355	11.334	0.387
8.924	-0.430	8.935	-0.389	8.947	-0.439	8.959	-0.520	11.342	0.342	11.358	0.215	11.365	0.013	11.377	-0.181
8.970	-0.394	8.979	-0.214	8.987	-0.133	8.995	-0.218	11.389	-0.416	11.402	-0.587	11.409	-0.681	11.417	-0.690
9.005	-0.372	9.015	-0.345	9.024	-0.223	9.028	-0.016	11.432	-0.663	11.439	-0.555	11.447	-0.419	11.456	-0.148
9.036	0.300	9.044	0.579	9.058	0.904	9.062	1.076	11.471	-0.008	11.479	0.114	11.482	0.367	11.502	0.548
9.077	1.247	9.109	1.287	9.111	1.556	9.111	0.627	11.512	0.747	11.521	0.851	11.527	0.846	11.536	0.756
9.125	0.480	9.133	0.231	9.144	0.042	9.153	-0.067	11.543	0.477	11.553	0.274	11.566	0.035	11.578	-0.298
9.169	-0.270	9.181	-0.214	9.196	-0.360	9.208	-0.432	11.589	-0.537	11.595	-0.614	11.605	-0.627	11.618	-0.613
9.222	-0.437	9.235	-0.550	9.251	-0.699	9.264	-0.704	11.635	-0.509	11.644	-0.405	11.654	-0.328	11.662	-0.134
9.278	-0.677	9.289	-0.600	9.308	-0.681	9.317	-0.731	11.673	0.115	11.685	0.255	11.697	0.435	11.703	0.440
9.333	-0.569	9.344	-0.298	9.356	0.117	9.367	0.477	11.710	0.413	11.723	0.455	11.732	0.567	11.744	0.509
9.380	0.793	9.389	1.249	9.399	1.589	9.408	1.406	11.757	0.740	11.767	0.379	11.777	0.379	11.794	0.424
9.414	1.433	9.426	1.172	9.435	0.689	9.445	0.274	11.808	0.364	11.818	0.240	11.837	0.379	11.845	0.006
9.452	0.134	9.463	0.094	9.476	-0.357	9.489	-0.844	11.858	-0.039	11.874	-0.255	11.888	-0.376	11.904	-0.467
9.502	-1.354	9.510	-1.539	9.517	-1.580	9.523	-1.489	11.924	-0.620	11.936	-0.746	11.950	-0.787	12.006	0.012
9.535	-1.300	9.546	-1.237	9.553	-1.322	9.559	-1.363	11.974	-0.719	11.986	-0.484	11.996	-0.259	12.051	0.568
9.568	-1.300	9.578	-0.930	9.592	-0.488	9.604	-0.163	12.015	0.211	12.022	0.418	12.039	0.662	12.051	0.500
9.614	0.175	9.625	0.512	9.634	0.924	9.647	1.199	12.058	1.208	12.068	1.370	12.085	1.433	12.091	1.456
9.655	1.212	9.661	1.276	9.672	1.447	9.676	1.461	12.109	1.235	12.125	1.032	12.137	0.838	12.150	0.844
9.689	1.397	9.703	1.393	9.714	1.190	9.725	0.635	12.157	0.162	12.168	-0.159	12.177	-0.470	12.188	-0.844
9.740	-0.028	9.750	-0.582	9.764	-0.966	9.771	-1.083	12.198	-1.110	12.207	-1.359	12.217	-1.539	12.223	-1.746
9.780	-1.291	9.787	-1.341	9.795	-1.332	9.807	-1.133	12.229	-1.782	12.240	-1.674	12.252	-1.475	12.260	-1.290
9.817	-0.871	9.836	-0.569	9.853	-0.524	9.879	-0.199	12.266	-1.205	12.275	-0.525	12.289	-0.578	12.295	-0.257
9.903	0.134	9.919	0.373	9.935	0.581	9.950	0.829	12.308	0.140	12.315	0.388	12.326	0.568	12.343	0.641
9.957	0.946	9.964	0.991	9.980	0.662	9.991	0.206	12.354	0.566	12.364	0.452	12.374	0.442	12.389	0.415
10.006	-0.367	10.018	-0.786	10.030	-1.111	10.040	-1.237	12.359	0.334	12.414	0.167	12.433	0.031	12.446	-0.266
10.048	-1.264	10.063	-0.949	10.075	-0.443	10.083	-0.083	12.458	-0.551	12.469	-0.776	12.479	-0.817	12.497	-0.615
10.096	0.368	10.107	0.883	10.120	1.117	10.124	1.149	12.508	-0.375	12.517	-0.028	12.523	0.184	12.527	0.396
10.141	0.788	10.155	0.350	10.160	0.292	10.170	0.224	12.538	0.680	12.545	0.582	12.553	1.073	12.560	0.515
10.156	-0.110	10.204	-0.227	10.211	-0.372	10.220	-0.399	12.567	0.658	12.574	0.500	12.585	0.229	12.596	0.008
10.231	-0.552	10.241	-0.723	10.246	-0.750	10.259	-0.728	12.605	-0.056	12.618	-0.010	12.631	-0.165	12.649	0.080
10.273	-0.760	10.286	-0.683	10.291	-0.552	10.298	-0.466	12.654	-0.012	12.682	0.115	12.700	-0.029	12.718	-0.367
10.308	-0.439	10.320	-0.236	10.329	-0.066	10.342	0.354	12.730	-0.886	12.739	-1.202	12.752	-1.261	12.768	-1.130
10.351	0.792	10.362	1.193	10.372	1.423	10.376	1.459	12.713	-0.577	12.784	-0.641	12.792	-0.544	12.800	-0.318
10.368	1.401	10.404	1.220	10.413	1.085	10.429	0.918	12.813	-0.025	12.823	0.354	12.833	0.475	12.848	0.620
10.436	0.737	10.444	0.453	10.453	0.191	10.465	-0.179	12.856	0.610	12.869	0.618	12.886	0.529	12.901	0.583
10.473	-0.449	10.483	-0.639	10.493	-0.779	10.498	-0.711	12.924	0.457	12.941	0.588	12.956	0.236	12.970	-0.544
10.506	-0.643	10.513	-0.767	10.520	-1.122	10.527	-1.361	12.978	-0.409	12.982	-0.477	12.990	-0.509	13.007	-0.734
10.538	-1.510	10.541	-1.559	10.548	-1.347	10.562	-1.190	13.030	-0.761	13.040	-0.748	13.052	-0.621	13.060	-0.477
10.576	-0.914	10.587	-0.351	10.597	-0.121	10.609	0.452	13.066	-0.455	13.075	-0.527	13.083	-0.604	13.099	-0.315
10.613	0.750	10.622	1.007	10.625	1.038	10.638	0.858	13.112	-0.017	13.123	0.159	13.135	0.416	13.142	0.565
10.651	1.070	10.660	1.196	10.667	1.227	10.676	1.020	13.163	0.628	13.176	0.501	13.185	0.262	13.195	0.190
10.679	0.876	10.691	0.298	10.707	-0.207	10.721	-0.627	13.224	0.159	13.243	0.149	13.264	0.100	13.284	0.559
10.725	-0.726	10.734	-0.717	10.749	-0.654	10.768	-0.717	13.301	0.032	13.317	-0.065	13.336	0.063	13.346	0.100

13.343	0.041	13.379	-0.252	13.392	-0.478	13.399	-0.519	16.274	-0.313	16.257	-0.277	16.316	-0.187	16.338	-0.137
13.412	-0.406	13.421	-0.379	13.443	-0.573	13.464	-0.257	16.351	-0.110	16.369	0.053	16.381	0.291	16.394	0.417
13.464	0.104	13.495	0.428	13.506	0.685	13.519	0.730	16.421	0.530	16.443	0.416	16.468	0.381	16.487	0.196
13.526	0.658	13.534	0.455	13.544	0.681	13.558	0.113	16.506	-0.002	16.521	-0.241	16.536	-0.422	16.554	-0.526
13.570	-0.154	13.584	-0.321	13.602	-0.123	13.615	-0.087	16.579	-0.408	16.603	-0.341	16.628	-0.233	16.642	0.052
13.621	0.004	13.629	0.189	13.638	0.107	13.647	0.078	16.657	0.142	16.685	0.316	16.706	0.529	16.722	0.581
13.657	-0.109	13.669	0.044	13.674	0.094	13.697	0.048	16.735	0.259	16.753	0.101	16.763	0.101	16.773	-0.084
13.720	0.093	13.733	0.409	13.739	0.526	13.744	0.535	16.780	-0.161	16.791	-0.238	16.802	-0.332	16.810	-0.459
13.752	0.928	13.757	1.022	13.769	0.779	13.774	0.386	16.818	-0.450	16.828	-0.418	16.836	-0.404	16.844	-0.283
13.785	-0.200	13.790	-0.358	13.795	-0.372	13.806	-0.245	16.856	-0.240	16.866	-0.125	16.872	-0.035	16.884	-0.195
13.813	-0.191	13.835	-0.372	13.860	-0.525	13.871	-0.674	16.889	0.006	16.900	0.037	16.912	0.155	16.920	0.195
13.886	-0.742	13.897	-0.625	13.917	-0.945	13.941	-0.692	16.939	0.222	16.957	0.249	16.976	0.236	16.991	0.240
13.955	-0.381	13.966	-0.052	13.973	0.359	13.982	0.647	17.005	0.200	17.022	0.141	17.035	-0.004	17.048	-0.143
13.966	0.724	14.000	0.359	14.006	0.273	14.013	0.408	17.059	-0.292	17.071	-0.369	17.085	-0.346	17.100	-0.328
14.026	0.760	14.032	0.814	14.049	0.747	14.066	0.535	17.114	-0.216	17.124	-0.045	17.140	0.046	17.152	0.136
14.079	0.557	14.095	0.508	14.113	0.332	14.127	0.219	17.167	0.181	17.184	0.154	17.197	0.046	17.211	-0.058
14.145	-0.128	14.160	-0.255	14.177	-0.494	14.188	-0.530	17.225	-0.230	17.235	-0.020	17.251	-0.239	17.269	-0.189
14.170	-0.092	14.186	-0.643	14.262	-0.611	14.274	-0.584	17.255	-0.020	17.265	-0.085	17.306	-0.063	17.318	-0.094
14.210	-0.692	14.236	-0.643	14.325	-0.246	14.343	-0.029	17.330	-0.099	17.346	-0.036	17.363	0.009	17.375	-0.009
14.285	-0.440	14.308	-0.412	14.389	0.720	14.397	0.769	17.365	-0.022	17.403	-0.018	17.417	-0.072	17.431	-0.131
14.354	0.323	14.379	0.620	14.432	0.372	14.458	0.350	17.442	-0.154	17.457	-0.240	17.476	-0.186	17.494	-0.109
14.406	0.679	14.421	0.440	14.510	-0.065	14.523	-0.385	17.507	-0.010	17.515	0.135	17.536	0.211	17.549	0.233
14.478	0.372	14.491	0.264	14.562	-0.552	14.574	-0.358	17.565	0.188	17.588	0.116	17.607	0.057	17.634	0.030
14.534	-0.615	14.544	-0.706	14.598	-0.074	14.610	0.066	17.647	0.016	17.665	0.025	17.697	0.029	17.711	-0.025
14.579	-0.255	14.584	-0.241	14.649	0.399	14.666	0.553	17.732	-0.084	17.753	-0.134	17.770	-0.116	17.794	-0.044
14.628	0.214	14.640	0.246	14.706	0.458	14.712	0.341	17.814	-0.071	17.833	-0.050	17.845	-0.175	17.865	-0.027
14.682	0.589	14.695	0.620	14.741	0.156	14.748	-0.052	17.879	-0.302	17.895	-0.176	17.909	-0.059	17.920	-0.027
14.754	-0.115	14.766	-0.061	14.778	0.012	14.780	0.043	17.944	-0.019	17.966	0.022	17.987	0.076	17.999	0.012
14.806	0.002	14.814	0.025	14.824	0.102	14.838	0.057	18.008	0.010	18.029	0.058	18.051	-0.174	18.067	0.210
14.852	-0.101	14.861	-0.214	14.868	-0.241	14.886	-0.241	18.059	0.174	18.113	0.124	18.128	-0.003	18.140	-0.134
14.900	-0.304	14.918	-0.219	14.932	-0.053	14.943	0.083	18.156	-0.264	18.167	-0.368	18.174	-0.414	18.200	-0.360
14.958	0.264	14.973	0.489	14.982	0.439	14.995	0.281	18.214	-0.297	18.232	-0.139	18.262	-0.072	18.285	-0.099
15.001	0.277	15.014	0.421	15.024	0.498	15.036	0.358	18.255	-0.108	18.312	0.104	18.326	0.216	18.332	0.230
15.046	0.191	15.055	0.159	15.064	0.141	15.076	-0.012	18.341	0.203	18.356	0.112	18.372	-0.005	18.385	-0.181
15.085	-0.170	15.098	-0.333	15.105	-0.409	15.113	-0.622	18.358	-0.357	18.417	-0.458	18.434	-0.592	18.456	-0.665
15.123	-0.834	15.128	-0.946	15.132	-0.573	15.145	-0.888	18.479	-0.620	18.456	-0.503	18.515	-0.395	18.526	-0.341
15.157	-0.708	15.164	-0.626	15.179	-0.541	15.192	-0.397	18.543	-0.165	18.556	-0.026	18.574	0.109	18.588	0.249
15.199	-0.167	15.203	-0.049	15.210	0.099	15.221	0.357	18.602	0.361	18.615	0.402	18.634	0.379	18.653	0.307
15.243	0.465	15.260	0.654	15.269	0.938	15.278	1.109	18.669	0.212	18.688	0.045	18.707	-0.014	18.732	-0.051
15.290	0.983	15.300	0.676	15.305	0.487	15.314	0.378	18.747	-0.101	18.766	-0.232	18.787	-0.273	18.805	-0.286
15.324	0.108	15.334	-0.217	15.347	-0.506	15.357	-0.731	18.839	-0.206	18.855	-0.053	18.873	0.087	18.882	0.182
15.367	-0.831	15.381	-0.723	15.392	-0.614	15.409	-0.578	18.858	0.245	18.921	0.402	18.936	0.451	18.953	0.455
15.430	-0.385	15.445	-0.173	15.455	0.008	15.462	0.071	18.975	-0.437	19.000	-0.386	19.018	0.260	19.032	0.101
15.474	0.102	15.489	0.287	15.504	0.319	15.520	0.427	19.051	-0.021	19.068	-0.119	19.089	-0.324	19.109	-0.415
15.528	0.449	15.541	0.408	15.552	0.377	15.571	0.124	19.132	-0.254	19.153	-0.163	19.163	0.065	19.182	0.587
15.583	-0.029	15.601	-0.102	15.619	-0.160	15.640	-0.341	19.208	0.214	19.227	0.358	19.248	0.425	19.270	0.587
15.657	-0.427	15.675	-0.458	15.697	-0.364	15.706	-0.341	19.281	0.673	19.294	0.614	19.315	0.424	19.323	0.338
15.722	-0.310	15.738	-0.143	15.750	0.019	15.764	0.290	19.340	0.125	19.351	-0.037	19.360	-0.083	19.379	-0.304
15.772	0.438	15.786	0.556	15.805	0.700	15.823	0.587	19.389	-0.372	19.402	0.381	19.431	-0.355	19.442	-0.292
15.827	0.506	15.847	0.339	15.860	0.145	15.878	-0.040	19.454	-0.117	19.468	0.027	19.484	0.090	19.507	0.256
15.892	-0.149	15.902	-0.194	15.925	-0.108	15.933	-0.050	19.527	0.265	19.551	0.255	19.581	0.164	19.604	0.074
15.947	0.055	15.962	0.031	15.975	-0.050	15.987	-0.050	19.623	0.010	19.638	0.010	19.669	0.045	19.691	0.044
16.006	-0.000	16.031	0.065	16.055	0.121	16.065	0.067	19.708	0.017	19.728	0.053	19.765	0.047	19.787	-0.008
16.086	0.166	16.096	0.229	16.116	0.410	16.128	0.414	19.817	-0.058	19.847	-0.086	19.882	-0.042	19.902	-0.010
16.146	0.351	16.160	0.310	16.175	0.161	16.189	0.003	19.917	-0.006	19.938	0.057	19.975	0.043	20.015	-0.084
16.201	-0.209	16.213	-0.267	16.232	-0.245	16.249	-0.331	20.031	-0.120	20.069	-0.107	20.089	-0.107	20.113	-0.170

20.135	-0.279	20.154	-0.383	20.169	-0.415	20.192	-0.356	23.555	-0.284	23.605	-0.248	23.620	-0.176	23.635	-0.122
20.206	-0.266	20.223	-0.041	20.241	0.130	20.262	0.320	23.651	-0.058	23.664	0.014	23.679	0.082	23.688	0.073
20.277	0.410	20.288	0.414	20.309	0.315	20.326	0.179	23.749	0.046	23.766	0.014	23.775	0.042	23.787	0.008
20.336	0.466	20.350	0.087	20.366	0.241	20.380	0.255	23.759	0.046	23.775	0.046	23.787	0.046	23.795	0.010
20.410	-0.345	20.436	-0.345	20.453	-0.336	20.475	-0.323	23.780	-0.039	23.793	-0.007	23.804	0.020	23.815	0.042
20.502	-0.165	20.524	-0.003	20.544	0.164	20.567	0.254	23.823	0.015	23.835	-0.102	23.847	-0.142	23.860	-0.042
20.515	0.272	20.530	0.250	20.569	0.141	20.625	-0.017	23.878	-0.110	23.889	-0.137	23.901	-0.142	23.914	-0.088
20.646	-0.170	20.670	-0.324	20.694	-0.477	20.714	-0.599	23.928	-0.069	23.936	-0.083	23.945	-0.101	23.954	-0.114
20.722	-0.558	20.731	-0.563	20.751	-0.392	20.770	-0.193	23.968	-0.092	23.976	-0.065	23.986	-0.069	23.997	-0.101
20.790	0.032	20.803	0.195	20.816	0.303	20.830	0.316	24.006	-0.146	24.024	-0.110	24.034	-0.087	24.043	-0.073
20.847	0.280	20.864	0.266	20.871	0.226	20.891	0.072	24.053	-0.100	24.062	-0.141	24.076	-0.159	24.089	-0.150
20.901	-0.627	20.913	-0.203	20.938	-0.338	20.955	-0.442	24.104	-0.145	24.113	-0.145	24.122	-0.109	24.147	-0.068
20.975	-0.479	21.003	-0.411	21.023	-0.307	21.042	-0.217	24.160	-0.001	24.173	-0.035	24.193	0.063	24.208	0.045
21.066	-0.056	21.085	-0.042	21.116	-0.010	21.132	0.017	24.224	0.022	24.241	-0.009	24.259	-0.036	24.277	0.018
21.157	0.057	21.184	-0.029	21.266	-0.151	21.221	-0.268	24.252	0.009	24.311	0.063	24.329	0.095	24.343	0.117
21.247	-0.350	21.260	-0.363	21.276	-0.246	21.297	-0.034	24.357	0.153	24.368	0.117	24.382	0.059	24.402	0.009
21.318	0.182	21.333	0.281	21.346	0.290	21.364	0.236	24.416	0.055	24.433	0.118	24.443	0.154	24.455	0.102
21.386	0.128	21.402	0.069	21.428	0.032	21.448	0.019	24.467	0.150	24.483	0.055	24.495	0.033	24.514	0.001
21.462	-0.090	21.476	-0.171	21.455	-0.140	21.519	-0.027	24.526	-0.053	24.535	-0.089	24.546	-0.116	24.558	-0.057
21.538	0.063	21.565	0.103	21.588	0.035	21.612	-0.019	24.573	0.043	24.585	0.057	24.600	0.138	24.613	0.156
21.639	-0.083	21.666	0.043	21.683	0.147	21.698	0.232	24.625	0.156	24.637	0.183	24.653	0.183	24.662	0.137
21.715	0.259	21.736	0.354	21.768	0.290	21.794	0.150	24.676	0.125	24.692	0.030	24.704	-0.037	24.726	-0.033
21.819	0.001	21.840	-0.162	21.859	-0.239	21.876	-0.248	24.741	0.021	24.756	0.040	24.769	0.053	24.785	0.013
21.920	-0.081	21.935	0.095	21.954	0.339	21.976	0.506	24.804	0.054	24.815	0.103	24.834	0.058	24.854	0.059
21.966	0.569	22.017	0.457	22.043	0.299	22.068	0.177	24.864	0.027	24.888	0.122	24.901	0.199	24.912	0.248
22.083	0.069	22.105	-0.012	22.117	-0.161	22.127	-0.303	24.922	0.155	24.940	0.217	24.955	0.230	24.971	0.149
22.137	-0.427	22.151	-0.368	22.163	-0.363	22.181	-0.404	24.985	0.077	25.002	0.081	25.016	0.095	25.035	0.059
22.197	-0.327	22.214	-0.137	22.230	0.039	22.242	0.129	25.052	0.153	25.066	0.176	25.086	0.149	25.103	0.126
22.252	0.224	22.266	0.332	22.279	0.472	22.293	0.593	25.116	0.140	25.134	0.144	25.156	0.185	25.175	0.157
22.304	0.423	22.318	0.274	22.332	0.224	22.342	0.080	25.189	0.139	25.208	0.175	25.224	0.139	25.244	0.126
22.349	-0.073	22.361	-0.150	22.372	-0.263	22.384	-0.366	25.257	0.126	25.271	0.130	25.284	0.135	25.302	0.157
22.391	-0.447	22.403	-0.564	22.417	-0.555	22.430	-0.662	25.312	0.076	25.330	-0.023	25.347	-0.010	25.364	-0.064
22.442	-0.355	22.451	-0.355	22.458	-0.255	22.471	-0.135	25.379	-0.114	25.397	-0.168	25.414	-0.132	25.429	-0.087
22.485	-0.019	22.499	0.108	22.509	0.239	22.516	0.316	25.445	-0.037	25.458	0.012	25.474	0.048	25.490	0.012
22.525	0.371	22.534	0.322	22.546	0.250	22.558	0.206	25.505	0.079	25.518	0.129	25.525	0.188	25.533	0.260
22.573	0.112	22.586	0.040	22.596	-0.032	22.607	-0.126	25.545	0.291	25.560	0.264	25.573	0.241	25.587	0.219
22.621	-0.107	22.628	-0.161	22.645	-0.219	22.664	-0.173	25.620	0.169	25.623	-0.052	25.633	-0.007	25.648	-0.115
22.676	-0.209	22.693	-0.176	22.709	-0.248	22.722	-0.211	25.668	-0.237	25.693	-0.147	25.704	-0.197	25.720	-0.256
22.739	-0.287	22.749	-0.255	22.756	-0.241	22.770	-0.234	25.729	-0.215	25.739	-0.157	25.753	-0.076	25.768	-0.022
22.783	-0.150	22.795	-0.072	22.805	-0.031	22.814	0.050	25.785	0.114	25.797	0.208	25.815	0.280	25.828	0.352
22.823	0.024	22.837	0.083	22.852	0.165	22.863	0.116	25.846	0.379	25.859	0.276	25.875	0.122	25.888	-0.013
22.873	0.058	22.890	0.067	22.908	0.045	22.917	-0.026	25.904	-0.162	25.918	-0.217	25.926	-0.190	25.941	-0.113
22.933	-0.071	22.943	-0.053	22.951	-0.066	22.958	-0.038	25.951	-0.064	25.963	-0.100	25.982	-0.150	25.995	-0.109
22.970	-0.029	22.981	-0.064	22.998	-0.131	23.006	-0.180	26.014	-0.082	26.033	-0.065	26.056	-0.038	26.073	0.070
23.019	-0.148	23.025	-0.184	23.032	-0.238	23.045	-0.192	26.089	0.147	26.103	0.187	26.119	0.169	26.129	0.088
23.055	-0.223	23.066	-0.236	23.081	-0.204	23.090	-0.132	26.145	-0.079	26.160	-0.112	26.180	-0.184	26.196	-0.184
23.102	-0.032	23.112	-0.068	23.122	-0.163	23.140	0.186	26.204	-0.161	26.220	-0.211	26.242	-0.162	26.256	-0.175
23.155	0.209	23.167	0.165	23.182	0.129	23.192	0.103	26.268	-0.130	26.266	-0.058	26.303	-0.059	26.317	-0.041
23.200	0.121	23.210	0.135	23.217	0.072	23.226	-0.009	26.336	-0.023	26.357	0.044	26.375	0.121	26.394	0.089
23.242	-0.067	23.251	-0.107	23.270	-0.124	23.280	-0.205	26.418	0.093	26.436	0.025	26.453	-0.034	26.469	-0.097
23.290	-0.268	23.299	-0.303	23.314	-0.253	23.322	-0.230	26.486	-0.147	26.503	-0.157	26.517	-0.152	26.530	-0.197
23.339	-0.274	23.347	-0.238	23.359	-0.102	23.370	0.007	26.548	-0.134	26.558	-0.157	26.578	-0.108	26.594	-0.162
23.378	0.038	23.389	0.111	23.402	0.156	23.410	0.197	26.611	-0.086	26.621	-0.104	26.640	-0.019	26.662	-0.087
23.429	-0.188	23.436	-0.089	23.447	-0.003	23.462	-0.060	26.651	-0.087	26.708	-0.066	26.726	-0.006	26.743	-0.016
23.476	-0.078	23.501	-0.204	23.516	-0.168	23.529	-0.155	26.757	-0.002	26.784	-0.043	26.793	-0.152	26.805	-0.256
23.542	-0.208	23.555	-0.222	23.569	-0.230	23.580	-0.212	26.822	-0.002	26.844	-0.058	26.865	-0.148	26.891	-0.000

26.510	0.009	26.928	0.027	26.949	0.086	26.966	0.036	30.384	0.092	30.402	-0.035	30.420	0.146	30.436	-0.044
26.983	-0.045	27.000	0.022	27.019	0.058	27.044	-0.005	30.452	0.164	30.470	-0.085	30.486	0.082	30.501	-0.148
27.069	-0.073	27.084	-0.181	27.095	-0.208	27.111	-0.168	30.518	0.051	30.534	-0.166	30.551	0.037	30.564	-0.183
27.129	-0.114	27.149	-0.024	27.162	0.040	27.183	-0.033	30.584	0.114	30.597	-0.042	30.618	0.181	30.627	-0.019
27.200	-0.066	27.215	-0.006	27.227	-0.006	27.243	-0.001	30.648	0.217	30.664	-0.086	30.682	0.235	30.691	-0.127
27.257	0.030	27.274	0.003	27.292	0.093	27.306	0.120	30.767	0.172	30.781	-0.073	30.795	0.113	30.812	-0.045
27.320	0.143	27.337	0.156	27.361	0.079	27.376	0.124	30.785	0.091	30.812	-0.073	30.831	0.073	30.842	-0.058
27.390	0.160	27.404	0.192	27.414	0.097	27.426	0.039	30.831	0.086	30.842	-0.009	30.864	0.154	30.874	-0.054
27.439	0.016	27.455	0.030	27.466	0.043	27.485	0.080	30.883	0.244	30.902	-0.127	30.924	0.257	30.937	-0.100
27.499	0.156	27.516	0.202	27.537	0.269	27.547	0.305	30.950	0.181	30.965	-0.050	30.976	0.055	30.975	-0.073
27.560	0.337	27.571	0.315	27.587	0.283	27.601	0.270	30.985	0.100	30.954	-0.027	31.006	0.086	31.010	-0.055
27.624	0.256	27.642	0.193	27.659	0.121	27.680	0.022	31.016	0.086	31.026	-0.004	31.036	0.091	31.040	-0.055
27.655	-0.037	27.713	-0.113	27.727	-0.077	27.739	-0.032	31.047	0.118	31.057	-0.008	31.074	0.154	31.089	-0.010
27.754	0.040	27.772	0.031	27.788	0.095	27.799	0.095	31.168	0.150	31.116	-0.008	31.137	0.145	31.152	-0.008
27.815	0.162	27.826	0.216	27.842	0.262	27.855	0.343	31.172	0.109	31.182	-0.008	31.202	0.064	31.213	-0.026
27.866	0.366	27.883	0.370	27.896	0.334	27.909	0.312	31.233	0.073	31.243	-0.022	31.263	0.136	31.273	-0.060
27.919	0.303	27.935	0.226	27.952	0.208	27.958	0.131	31.237	0.173	31.308	-0.060	31.323	0.182	31.336	-0.028
27.972	0.050	27.985	-0.022	28.000	-0.067	28.015	-0.067	31.355	0.110	31.368	-0.053	31.366	0.082	31.359	-0.071
28.029	-0.067	28.039	-0.053	28.056	-0.031	28.071	-0.067	31.420	0.069	31.432	-0.071	31.453	0.091	31.463	-0.013
28.064	-0.021	28.094	0.024	28.105	0.037	28.115	0.101	31.485	0.122	31.457	-0.009	31.517	0.149	31.525	-0.018
28.131	0.132	28.141	0.231	28.149	0.322	28.161	0.367	31.552	0.090	31.561	-0.041	31.581	0.080	31.589	-0.028
28.172	0.308	28.182	0.263	28.198	0.214	28.216	0.232	31.615	0.071	31.626	-0.087	31.641	0.035	31.655	-0.087
28.229	0.124	28.237	0.056	28.252	0.006	28.264	-0.048	31.676	0.021	31.685	-0.128	31.708	0.034	31.722	-0.106
28.271	-0.084	28.284	-0.070	28.294	-0.115	28.306	-0.147	31.743	0.060	31.753	-0.053	31.773	0.065	31.784	-0.066
28.316	-0.147	28.331	-0.156	28.343	-0.097	28.360	-0.029	31.807	0.123	31.817	-0.040	31.836	0.136	31.851	-0.022
28.372	-0.076	28.397	-0.020	28.406	0.043	28.422	0.093	31.871	0.127	31.886	-0.104	31.903	0.040	31.915	-0.141
28.435	0.133	28.449	0.187	28.459	0.223	28.481	0.241	31.937	0.071	31.949	-0.115	31.967	0.083	31.982	-0.106
28.495	0.178	28.512	0.101	28.529	-0.021	28.545	-0.111	32.001	0.096	32.016	-0.144	32.030	0.027	32.050	-0.176
28.563	-0.215	28.580	-0.278	28.601	-0.238	28.622	-0.179	32.068	0.031	32.081	-0.173	32.099	0.084	32.114	-0.092
28.638	-0.089	28.655	-0.035	28.681	-0.017	28.699	0.109	32.133	0.227	32.145	-0.011	32.164	0.240	32.180	-0.019
28.718	0.208	28.733	0.267	28.744	0.249	28.762	0.280	32.198	0.216	32.213	-0.077	32.229	0.150	32.246	-0.150
28.777	0.226	28.793	0.172	28.807	0.050	28.822	-0.018	32.262	0.030	32.277	-0.250	32.297	-0.016	32.313	-0.233
28.832	-0.108	28.848	-0.189	28.861	-0.261	28.881	-0.261	32.331	0.046	32.341	-0.171	32.363	0.139	32.376	-0.028
28.899	-0.176	28.916	-0.217	28.929	-0.172	28.939	-0.213	32.397	0.215	32.411	-0.065	32.428	0.174	32.444	-0.116
28.955	-0.227	28.970	-0.155	28.986	-0.087	29.005	-0.038	32.461	0.046	32.475	-0.180	32.494	0.023	32.508	-0.162
29.028	0.047	29.045	0.083	29.060	0.123	29.071	0.114	32.530	0.067	32.540	-0.105	32.560	0.183	32.574	-0.029
29.079	0.114	29.098	0.136	29.110	0.041	29.125	-0.027	32.591	0.182	32.606	-0.058	32.624	0.091	32.642	-0.207
29.146	-0.045	29.161	-0.158	29.179	-0.222	29.201	-0.163	32.661	0.018	32.674	-0.212	32.692	0.026	32.709	-0.150
29.216	-0.236	29.227	-0.281	29.244	-0.164	29.260	-0.106	32.728	0.043	32.743	-0.106	32.759	0.056	32.777	-0.130
29.280	-0.174	29.297	-0.093	29.317	0.037	29.330	-0.026	32.795	0.086	32.809	-0.122	32.827	0.121	32.844	-0.069
29.344	-0.076	29.362	0.032	29.379	0.118	29.392	0.036	32.862	0.165	32.877	-0.023	32.893	0.057	32.908	-0.106
29.413	-0.050	29.428	0.040	29.439	0.094	29.451	-0.055	32.924	0.052	32.943	-0.232	32.959	0.002	32.974	-0.264
29.465	-0.155	29.481	-0.074	29.493	0.026	29.510	-0.052	32.954	0.006	33.007	-0.201	33.027	0.065	33.040	-0.147
29.529	-0.268	29.542	-0.120	29.552	-0.007	29.565	-0.115	33.060	0.173	33.073	-0.003	33.094	0.200	33.109	-0.008
29.582	-0.314	29.597	-0.080	29.611	0.109	29.621	-0.017	33.127	0.177	33.140	-0.053	33.158	0.159	33.175	-0.107
29.631	-0.116	29.647	0.046	29.664	0.203	29.674	0.126	33.192	0.028	33.206	-0.252	33.226	-0.004	33.239	-0.324
29.650	-0.054	29.702	0.049	29.716	0.126	29.725	0.040	33.258	-0.022	33.274	-0.301	33.293	0.028	33.305	-0.225
29.739	-0.064	29.752	-0.010	29.762	0.012	29.772	-0.065	33.329	0.122	33.342	-0.135	33.361	0.163	33.376	-0.085
29.783	-0.132	29.791	-0.078	29.806	-0.002	29.824	-0.165	33.384	0.050	33.396	-0.154	33.409	-0.085	33.426	-0.159
29.845	-0.039	29.867	-0.116	29.891	0.110	29.910	-0.030	33.442	-0.116	33.460	0.132	33.476	-0.170	33.495	-0.083
29.933	0.204	29.955	-0.067	29.974	0.086	29.994	-0.216	33.511	-0.214	33.530	0.061	33.543	-0.218	33.563	0.082
30.017	-0.031	30.038	-0.298	30.057	-0.083	30.073	-0.253	33.579	-0.209	33.596	0.065	33.610	-0.190	33.625	-0.090
30.057	-0.148	30.114	-0.141	30.136	0.107	30.151	-0.100	33.645	-0.181	33.663	0.077	33.678	-0.166	33.697	-0.113
30.174	0.014	30.190	-0.065	30.210	0.219	30.227	-0.033	33.712	-0.085	33.730	-0.204	33.746	-0.017	33.763	0.283
30.245	0.219	30.266	-0.047	30.282	0.124	30.299	-0.115	33.779	-0.016	33.795	-0.210	33.813	-0.097	33.830	-0.093
30.318	0.043	30.335	-0.120	30.354	0.047	30.366	-0.093	33.847	-0.177	33.865	0.053	33.878	-0.208	33.899	-0.090

33.912	-0.136	33.933	0.198	33.946	-0.000	33.965	0.311	37.687	-C.047	37.704	0.115	37.719	-C.200	37.735	-0.020
33.981	0.095	33.998	0.330	34.013	0.059	34.030	0.253	37.753	-0.282	37.771	0.034	37.782	-0.142	37.799	0.129
34.046	-C.044	34.066	0.150	34.082	-0.166	34.100	0.078	37.816	-C.079	37.835	0.210	37.849	-0.047	37.868	0.165
34.117	-0.224	34.134	0.015	34.150	-0.232	34.171	0.061	37.886	-C.070	37.902	0.242	37.917	-C.241	37.933	0.201
34.185	-0.124	34.206	0.197	34.217	0.003	34.236	0.242	37.952	-0.092	37.967	0.064	37.982	-C.041	38.001	0.093
34.252	0.048	34.271	0.243	34.285	-0.019	34.304	0.157	38.016	-C.164	38.038	0.125	38.051	-C.141	38.068	0.116
34.315	-0.160	34.340	0.113	34.355	-0.144	34.373	0.072	38.084	-C.056	38.103	0.174	38.117	-C.011	38.134	0.188
34.389	-0.162	34.407	0.036	34.422	-0.158	34.442	0.000	38.152	-C.038	38.168	0.129	38.184	-C.141	38.198	0.177
34.453	-0.157	34.477	0.127	34.489	-0.054	34.506	0.208	38.217	-0.245	38.235	-0.066	38.248	-0.240	38.268	0.053
34.524	0.046	34.543	0.249	34.558	-0.013	34.575	0.186	38.282	-C.168	38.300	0.116	38.312	-C.056	38.333	0.143
34.659	-0.112	34.677	0.100	34.694	-0.121	34.711	0.136	38.349	-0.091	38.366	0.134	38.384	-0.037	38.401	0.261
34.729	-0.103	34.744	0.136	34.761	-0.054	34.778	0.136	38.417	0.021	38.434	0.188	38.452	-C.105	38.466	-0.001
34.813	0.177	34.829	0.177	34.842	-0.080	34.858	0.173	38.482	-C.250	38.500	-0.078	38.514	-C.272	38.532	-0.020
34.863	-0.093	34.885	0.182	34.898	-0.066	34.916	0.186	38.544	-0.200	38.568	0.101	38.576	-C.147	38.599	0.070
34.930	-0.008	34.950	0.213	34.965	-0.075	34.985	0.137	38.615	-0.151	38.633	0.101	38.647	-0.120	38.663	0.146
35.000	-0.102	35.020	0.096	35.034	-0.188	35.053	0.060	38.681	-C.075	38.698	0.155	38.714	-C.107	38.730	0.105
35.068	-0.175	35.089	0.074	35.100	-0.143	35.121	0.110	38.748	-C.143	38.765	0.096	38.781	-C.229	38.798	0.019
35.135	-0.093	35.158	0.155	35.170	-0.017	35.188	0.186	38.814	-C.238	38.832	0.032	38.845	-C.166	38.865	0.086
35.202	-0.008	35.220	0.213	35.236	-0.039	35.253	0.150	38.879	-C.072	38.897	0.108	38.912	-C.077	38.931	0.117
35.270	-0.111	35.291	0.074	35.305	-0.206	35.323	0.015	38.947	-C.113	38.965	0.103	38.980	-C.141	38.997	0.121
35.339	-0.229	35.358	0.001	35.370	-0.193	35.390	0.046	39.015	-0.123	39.029	0.075	39.046	-C.146	39.064	0.057
35.406	-C.139	35.424	0.073	35.437	-0.103	35.455	0.131	39.080	-0.103	39.101	0.101	39.114	-C.124	39.132	0.119
35.472	-0.104	35.492	0.199	35.507	-0.045	35.524	0.171	39.147	-C.125	39.165	0.165	39.175	-C.125	39.199	0.109
35.542	0.049	35.559	0.099	35.575	-0.190	35.593	0.044	39.213	-C.085	39.235	0.203	39.243	-C.099	39.262	0.176
35.606	-0.209	35.626	0.039	35.640	-0.209	35.659	0.070	39.278	-C.085	39.295	0.233	39.315	-C.023	39.333	0.239
35.675	-0.146	35.694	0.115	35.710	-0.147	35.729	0.119	39.351	-C.037	39.369	0.193	39.383	-C.069	39.400	0.121
35.745	-0.116	35.764	0.114	35.777	-0.134	35.798	0.145	39.416	-C.103	39.433	0.071	39.450	-C.136	39.468	0.049
35.809	-0.089	35.829	0.109	35.844	-0.135	35.864	0.068	39.481	-C.075	39.503	0.126	39.513	-C.037	39.534	0.175
35.875	-0.153	35.897	0.054	35.910	-0.185	35.930	0.076	39.549	-0.014	39.569	0.234	39.583	-C.018	39.601	0.284
35.944	-0.150	35.965	0.093	35.980	-0.137	35.999	0.165	39.616	-C.040	39.636	0.257	39.649	-C.013	39.669	0.248
36.015	-0.057	36.033	0.182	36.047	-0.039	36.065	0.181	39.685	-C.032	39.701	0.158	39.717	-C.144	39.732	0.059
36.080	-0.049	36.099	0.122	36.114	-0.117	36.131	0.085	39.751	-C.226	39.768	-0.009	39.785	-C.230	39.803	0.000
36.147	-C.172	36.165	0.076	36.182	-0.168	36.199	0.075	39.818	-C.162	39.838	0.181	39.852	-C.013	39.872	0.284
36.214	-0.178	36.234	0.128	36.246	-0.129	36.266	0.150	39.886	0.122	39.905	0.364	39.919	-C.136	39.938	0.307
36.281	-0.139	36.298	0.132	36.315	-0.135	36.332	0.149	39.952	0.082	39.972	0.226	39.987	-C.044	40.003	0.123
36.348	-C.122	36.367	0.135	36.381	-0.159	36.399	0.080	40.019	-0.143	40.038	0.123	40.054	-C.193	40.073	0.105
36.416	-0.177	36.434	0.107	36.450	-0.191	36.469	0.111	40.087	-C.093	40.107	0.236	40.120	-C.007	40.140	0.273
36.484	-0.110	36.503	0.192	36.515	-0.029	36.536	0.228	40.155	0.007	40.174	0.241	40.187	0.011	40.203	0.305
36.553	-0.043	36.568	0.126	36.587	-0.125	36.604	0.105	40.220	0.034	40.235	0.323	40.254	-C.843	40.273	0.292
36.618	-C.080	36.635	0.168	36.650	0.001	36.669	0.227	40.287	-C.033	40.313	0.252	40.321	-C.028	40.338	0.242
36.684	-0.017	36.703	0.208	36.718	-0.099	36.735	0.140	40.355	-C.033	40.373	0.252	40.388	-C.064	40.407	0.220
36.752	-0.135	36.770	0.126	36.787	-0.122	36.803	0.126	40.425	-0.051	40.441	0.161	40.456	-C.069	40.475	0.138
36.819	-0.109	36.840	0.180	36.850	-0.055	36.871	0.243	40.482	-0.065	40.511	0.133	40.525	-C.070	40.543	0.156
36.887	0.022	36.905	0.373	36.921	0.107	36.941	0.346	40.558	-C.030	40.575	0.227	40.591	-C.029	40.610	0.254
36.955	0.054	36.972	0.333	36.989	-0.019	37.006	0.116	40.625	-0.003	40.642	0.200	40.661	-C.080	40.674	0.136
37.021	-C.100	37.038	0.075	37.054	-0.150	37.073	0.179	40.692	-0.144	40.710	0.091	40.725	-C.162	40.744	0.054
37.088	-0.092	37.106	0.170	37.121	-0.074	37.139	0.233	40.761	-C.207	40.781	0.072	40.795	-C.185	40.815	0.076
37.155	0.017	37.173	0.346	37.187	0.080	37.202	0.265	40.827	-0.082	40.848	0.148	40.862	-C.005	40.878	0.193
37.222	-C.033	37.239	0.165	37.253	-0.101	37.270	0.134	40.895	0.044	40.912	0.238	40.929	-C.016	40.945	0.151
37.286	-0.056	37.306	0.242	37.320	-0.015	37.338	0.256	40.960	-C.088	40.980	0.042	40.994	-C.192	41.012	-0.062
37.353	-0.002	37.369	0.178	37.389	-0.173	37.405	-0.016	41.027	-0.252	41.045	-0.049	41.058	-0.221	41.078	0.005
37.420	-0.205	37.439	0.030	37.451	-0.106	37.473	0.133	41.092	-C.145	41.113	0.112	41.130	-0.056	41.146	0.157
37.485	-0.047	37.503	0.120	37.517	-0.110	37.536	0.093	41.161	-0.069	41.180	0.170	41.193	-C.074	41.211	0.115
37.553	-0.128	37.570	0.138	37.586	-0.083	37.605	0.192	41.228	-C.093	41.248	0.078	41.262	-0.152	41.280	0.005
37.621	-0.038	37.639	0.183	37.652	-0.002	37.671	0.169	41.295	-C.211	41.313	0.000	41.327	-C.167	41.348	0.072
								41.358	-0.082	41.375	0.153	41.394	-C.064	41.411	0.152

41.427	-0.069	41.446	0.165	41.462	-0.115	41.477	0.156	45.032	-0.088	45.052	0.053	45.067	-0.160	45.084	0.088
41.495	-0.106	41.511	0.097	41.528	-0.197	41.546	-0.017	45.100	-0.182	45.120	0.070	45.133	-0.146	45.150	0.093
41.562	-0.260	41.580	-0.071	41.597	-0.324	41.613	-0.076	45.167	-0.092	45.185	0.156	45.200	-0.061	45.216	0.156
41.629	-0.237	41.649	-0.005	41.662	-0.185	41.681	0.063	45.233	-0.074	45.252	0.156	45.269	-0.079	45.285	0.124
41.657	-0.077	41.715	0.145	41.730	-0.069	41.746	0.134	45.301	-0.097	45.316	0.053	45.334	-0.038	45.351	0.066
41.761	-0.092	41.780	0.125	41.796	-0.160	41.815	0.083	45.368	-0.061	45.385	0.115	45.401	-0.032	45.417	0.170
41.829	-0.201	41.847	0.006	41.862	-0.283	41.880	-0.026	45.433	-0.011	45.452	0.201	45.469	-0.033	45.483	0.175
41.857	-0.287	41.915	0.010	41.928	-0.206	41.948	0.100	45.503	-0.064	45.518	0.130	45.531	-0.109	45.552	0.594
41.964	-0.089	41.983	0.145	41.997	-0.085	42.015	0.136	45.568	-0.145	45.586	0.076	45.602	-0.118	45.618	0.117
42.031	-0.071	42.051	0.150	42.066	-0.067	42.083	0.159	45.633	-0.063	45.653	0.142	45.668	-0.014	45.686	0.131
42.100	-0.089	42.116	0.145	42.131	-0.148	42.148	0.073	45.702	-0.040	45.720	0.104	45.733	-0.063	45.751	0.109
42.165	-0.202	42.185	0.073	42.196	-0.198	42.217	0.055	45.770	-0.067	45.787	0.055	45.804	-0.098	45.820	0.073
42.236	-0.162	42.252	0.104	42.267	-0.063	42.285	0.172	45.835	-0.112	45.854	0.078	45.870	-0.075	45.886	0.065
42.303	-0.049	42.320	0.176	42.335	-0.045	42.353	0.145	45.903	-0.057	45.920	0.114	45.935	-0.043	45.954	0.115
42.368	-0.072	42.388	0.167	42.400	-0.013	42.418	0.217	45.970	-0.043	45.988	0.119	46.001	-0.070	46.022	0.111
42.438	-0.018	42.452	0.180	42.465	-0.036	42.483	0.122	46.038	-0.074	46.056	0.088	46.070	-0.101	46.088	0.048
42.502	-0.099	42.519	0.135	42.533	-0.108	42.553	0.108	46.103	-0.132	46.122	0.044	46.137	-0.132	46.154	0.021
42.568	-0.073	42.585	0.059	42.599	-0.109	42.616	0.234	46.169	-0.128	46.185	0.044	46.202	-0.145	46.222	0.022
42.635	-0.073	42.653	0.180	42.668	-0.055	42.684	0.234	46.239	-0.132	46.256	0.044	46.271	-0.118	46.288	0.058
42.704	-0.023	42.720	0.220	42.732	-0.001	42.751	0.157	46.304	-0.104	46.324	0.053	46.340	-0.086	46.355	0.059
42.768	-0.055	42.785	0.184	42.802	-0.059	42.819	0.157	46.372	-0.086	46.390	0.059	46.402	-0.108	46.421	0.090
42.832	-0.091	42.853	0.162	42.868	-0.073	42.885	0.188	46.439	-0.090	46.457	0.066	46.471	-0.104	46.486	0.068
42.900	-0.010	42.920	0.260	42.934	-0.016	42.952	0.259	46.504	-0.117	46.523	0.055	46.539	-0.085	46.553	0.154
42.968	-0.025	42.985	0.209	42.991	-0.075	43.017	0.155	46.573	-0.036	46.591	0.112	46.607	-0.027	46.623	0.154
43.035	-0.107	43.054	0.109	43.068	-0.158	43.087	0.149	46.640	-0.036	46.656	0.149	46.671	-0.108	46.688	0.113
43.103	-0.149	43.120	0.148	43.135	-0.082	43.154	0.202	46.705	-0.124	46.724	0.164	46.736	-0.158	46.755	0.081
43.165	-0.033	43.188	0.224	43.203	-0.020	43.222	0.205	46.772	-0.171	46.790	0.090	46.803	-0.167	46.820	0.131
43.237	-0.066	43.258	0.184	43.268	-0.143	43.287	0.064	46.838	-0.104	46.856	0.167	46.871	-0.058	46.889	0.158
43.304	-0.157	43.322	0.045	43.332	-0.171	43.354	0.045	46.905	-0.072	46.927	0.050	46.941	-0.135	46.956	0.068
43.368	-0.168	43.386	0.080	43.399	-0.155	43.418	0.134	46.970	-0.163	46.989	0.054	47.004	-0.185	47.022	0.083
43.433	-0.106	43.454	0.160	43.469	-0.098	43.486	0.154	47.040	-0.194	47.056	0.081	47.072	-0.186	47.089	0.089
43.500	-0.085	43.519	0.113	43.535	-0.126	43.551	0.049	47.106	-0.109	47.125	0.116	47.139	-0.069	47.156	0.134
43.567	-0.150	43.586	0.066	43.601	-0.160	43.619	0.074	47.173	-0.015	47.190	0.115	47.206	-0.120	47.224	0.089
43.638	-0.106	43.654	0.119	43.667	-0.112	43.686	0.113	47.238	-0.137	47.257	0.080	47.271	-0.195	47.286	0.016
43.703	-0.108	43.720	0.108	43.735	-0.095	43.751	0.094	47.305	-0.205	47.324	0.012	47.339	-0.191	47.360	0.030
43.769	-0.087	43.786	0.097	43.801	-0.120	43.821	0.065	47.373	-0.110	47.391	0.115	47.408	-0.029	47.423	0.142
43.834	-0.152	43.855	0.046	43.870	-0.184	43.887	0.027	47.441	-0.043	47.455	0.138	47.472	-0.074	47.490	0.124
43.900	-0.181	43.921	0.063	43.934	-0.177	43.955	0.062	47.506	-0.129	47.524	0.065	47.538	-0.178	47.557	0.029
43.968	-0.132	43.988	0.062	44.002	-0.132	44.020	0.043	47.573	-0.201	47.593	0.067	47.607	-0.210	47.626	0.052
44.035	-0.165	44.052	0.011	44.066	-0.188	44.086	-0.017	47.641	-0.156	47.659	0.110	47.678	-0.084	47.693	0.160
44.099	-0.215	44.120	-0.017	44.131	-0.220	44.149	-0.004	47.777	-0.021	47.795	0.250	47.812	-0.011	47.825	0.236
44.166	-0.176	44.185	0.041	44.196	-0.145	44.220	0.067	47.839	-0.116	47.857	0.150	47.878	-0.071	47.895	0.087
44.234	-0.123	44.252	0.058	44.265	-0.119	44.285	0.066	47.908	-0.121	47.934	0.141	47.938	-0.054	47.959	0.136
44.303	-0.178	44.319	0.002	44.335	-0.219	44.350	-0.016	47.975	-0.049	47.995	0.177	48.008	-0.049	48.024	0.136
44.365	-0.215	44.386	0.033	44.397	-0.197	44.418	0.060	48.039	-0.026	48.059	0.136	48.075	-0.054	48.091	0.091
44.433	-0.157	44.452	0.055	44.467	-0.157	44.487	0.073	48.107	-0.144	48.125	0.055	48.142	-0.158	48.161	0.144
44.501	-0.175	44.520	0.064	44.533	-0.225	44.554	0.036	48.174	-0.077	48.193	0.267	48.208	-0.041	48.225	0.198
44.568	-0.203	44.588	0.041	44.601	-0.208	44.618	0.049	48.242	-0.032	48.257	0.139	48.273	-0.118	48.292	0.117
44.637	-0.190	44.655	0.085	44.670	-0.163	44.687	0.126	48.309	-0.136	48.327	0.121	48.342	-0.154	48.359	0.107
44.706	-0.100	44.710	-0.032	44.712	-0.001	44.716	0.040	48.376	-0.132	48.395	0.116	48.405	-0.096	48.426	0.130
44.718	0.065	44.722	0.139	44.728	0.022	44.737	-0.084	48.442	-0.110	48.461	0.147	48.477	-0.124	48.494	0.147
44.743	0.017	44.754	0.098	44.762	-0.001	44.771	-0.036	48.510	-0.119	48.529	0.129	48.543	-0.138	48.562	0.119
44.789	0.066	44.802	-0.137	44.820	0.039	44.835	-0.114	48.577	-0.120	48.597	-0.120	48.610	-0.105	48.610	-0.138
44.855	0.079	44.870	-0.083	44.887	0.138	44.896	0.021	48.628	0.132	48.644	-0.125	48.662	0.109	48.677	-0.152
44.905	-0.052	44.921	0.138	44.937	-0.029	44.955	0.151	48.652	0.082	48.705	-0.135	48.728	0.082	48.744	-0.117
44.968	-0.016	44.986	0.160	45.001	-0.016	45.019	0.129								

48.761	0.086	48.777	-0.108	48.755	0.077	48.810	-0.163	52.443	0.111	52.462	-0.083	52.475	0.178	52.493	-0.065
48.827	0.063	48.843	-0.145	48.862	0.076	48.877	-0.087	52.509	0.178	52.530	-0.088	52.546	0.128	52.561	-0.106
48.866	0.167	48.912	-0.037	48.929	0.143	48.945	-0.064	52.578	0.106	52.558	-0.156	52.613	0.101	52.625	-0.133
48.961	0.143	48.979	-0.055	48.997	0.134	49.015	-0.092	52.645	0.137	52.665	-0.120	52.678	0.133	52.694	-0.134
49.030	0.156	49.046	-0.096	49.065	0.143	49.080	-0.115	52.713	0.115	52.731	-0.058	52.748	0.123	52.761	-0.107
49.058	0.111	49.115	-0.146	49.133	0.057	49.147	-0.124	52.778	0.128	52.758	-0.075	52.814	0.155	52.825	-0.075
49.164	0.133	49.179	-0.088	49.200	0.169	49.213	-0.061	52.846	0.146	52.864	-0.071	52.882	0.141	52.897	-0.084
49.230	0.178	49.248	-0.052	49.264	0.151	49.280	-0.111	52.914	0.132	52.932	-0.116	52.949	0.128	52.963	-0.120
49.258	0.096	49.314	-0.102	49.331	0.105	49.348	-0.129	52.981	0.092	52.996	-0.138	53.015	0.111	53.031	-0.134
49.366	0.060	49.382	-0.129	49.398	0.051	49.413	-0.121	53.049	0.114	53.067	-0.107	53.082	0.137	53.098	-0.084
49.448	0.136	49.448	-0.085	49.465	0.141	49.482	-0.076	53.113	0.150	53.129	-0.060	53.146	0.110	53.163	-0.129
49.458	0.136	49.514	-0.058	49.530	0.136	49.548	-0.104	53.181	0.123	53.200	-0.111	53.213	0.123	53.230	-0.125
49.565	0.126	49.581	-0.095	49.599	0.086	49.616	-0.140	53.250	0.123	53.262	-0.107	53.283	0.123	53.299	-0.147
49.633	0.072	49.648	-0.127	49.667	0.076	49.685	-0.113	53.314	0.132	53.330	-0.120	53.349	0.155	53.362	-0.102
49.699	0.112	49.718	-0.069	49.733	0.130	49.747	-0.091	53.364	0.191	53.397	-0.089	53.416	0.155	53.427	-0.102
49.764	0.130	49.780	-0.092	49.799	0.129	49.814	-0.119	53.447	0.114	53.461	-0.053	53.478	0.110	53.494	-0.147
49.831	0.116	49.849	-0.133	49.867	0.124	49.882	-0.138	53.516	0.132	53.530	-0.134	53.548	0.173	53.563	-0.116
49.901	0.101	49.916	-0.142	49.932	0.119	49.948	-0.142	53.582	0.164	53.554	-0.075	53.614	0.141	53.632	-0.089
49.968	0.137	49.984	-0.125	50.002	0.141	50.015	-0.112	53.649	0.159	53.663	-0.053	53.680	0.137	53.696	-0.116
50.033	0.136	50.051	-0.126	50.067	0.099	50.081	-0.145	53.711	0.114	53.729	-0.148	53.750	0.101	53.763	-0.152
50.101	0.090	50.119	-0.154	50.134	0.085	50.148	-0.177	53.780	0.114	53.796	-0.143	53.813	0.110	53.830	-0.152
50.169	0.107	50.184	-0.159	50.200	0.093	50.215	-0.191	53.847	0.137	53.863	-0.134	53.880	0.146	53.895	-0.129
50.235	0.133	50.242	-0.115	50.252	-	50.261	-0.088	53.913	0.132	53.927	-0.138	53.947	0.132	53.959	-0.148
50.270	0.119	50.283	-0.143	50.298	0.150	50.314	-0.098	53.979	0.119	53.957	-0.166	54.015	0.087	54.031	-0.193
50.335	0.127	50.347	-0.135	50.366	0.100	50.381	-0.167	54.047	0.083	54.062	-0.119	54.078	0.083	54.093	-0.179
50.400	0.104	50.416	-0.149	50.432	0.140	50.448	-0.113	54.111	0.092	54.129	-0.154	54.147	0.128	54.162	-0.143
50.466	0.121	50.482	-0.158	50.499	0.090	50.519	-0.141	54.177	0.128	54.155	-0.159	54.214	0.141	54.231	-0.143
50.533	0.112	50.547	-0.159	50.566	0.116	50.581	-0.091	54.246	0.137	54.259	-0.163	54.277	0.087	54.294	-0.179
50.600	0.148	50.614	-0.056	50.632	0.143	50.650	-0.060	54.310	0.069	54.328	-0.157	54.346	0.037	54.360	-0.220
50.667	0.170	50.680	-0.069	50.699	0.151	50.714	-0.074	54.377	0.069	54.393	-0.175	54.411	0.105	54.426	-0.134
50.735	0.115	50.751	-0.120	50.759	0.034	50.769	-0.110	54.443	0.132	54.462	-0.120	54.480	0.159	54.495	-0.138
50.775	0.088	50.781	-0.133	50.800	0.083	50.815	-0.115	54.510	0.119	54.526	-0.125	54.545	0.074	54.560	-0.197
50.832	0.110	50.849	-0.102	50.866	0.155	50.881	-0.102	54.577	0.037	54.594	-0.224	54.615	0.024	54.623	-0.215
50.857	0.128	50.916	-0.138	50.933	0.128	50.948	-0.148	54.645	0.015	54.661	-0.215	54.682	0.042	54.696	-0.188
50.966	0.141	50.981	-0.089	51.002	0.164	51.017	-0.084	54.715	0.065	54.728	-0.125	54.748	0.132	54.764	-0.129
51.034	0.177	51.050	-0.080	51.068	0.137	51.083	-0.102	54.782	0.123	54.799	-0.102	54.816	0.056	54.828	-0.157
51.104	0.101	51.117	-0.120	51.136	0.074	51.151	-0.143	54.848	0.028	54.862	-0.170	54.882	0.019	54.895	-0.211
51.168	0.065	51.182	-0.143	51.201	0.074	51.217	-0.152	54.912	0.015	54.930	-0.233	54.949	0.033	54.965	-0.215
51.237	0.092	51.251	-0.116	51.270	0.155	51.283	-0.102	54.981	0.091	54.999	-0.148	55.015	0.123	55.029	-0.167
51.300	0.146	51.315	-0.102	51.336	0.137	51.351	-0.129	55.049	0.123	55.063	-0.130	55.082	0.100	55.096	-0.180
51.368	0.123	51.385	-0.134	51.402	0.092	51.417	-0.157	55.114	0.067	55.132	-0.111	55.152	0.050	55.165	-0.229
51.436	0.114	51.450	-0.125	51.469	0.127	51.484	-0.121	55.183	0.037	55.200	-0.211	55.216	0.055	55.234	-0.202
51.503	0.132	51.520	-0.125	51.537	0.118	51.551	-0.116	55.250	0.077	55.266	-0.144	55.284	0.118	55.300	-0.112
51.568	0.087	51.584	-0.107	51.602	0.123	51.620	-0.143	55.319	0.167	55.334	-0.112	55.353	0.127	55.368	-0.140
51.636	0.114	51.653	-0.121	51.670	0.113	51.686	-0.112	55.385	0.122	55.404	-0.144	55.420	0.108	55.436	-0.153
51.704	0.131	51.721	-0.112	51.738	0.136	51.754	-0.117	55.453	0.140	55.468	-0.158	55.487	0.081	55.502	-0.168
51.771	0.122	51.787	-0.153	51.805	0.091	51.818	-0.167	55.519	0.117	55.535	-0.199	55.554	0.121	55.568	-0.158
51.837	0.104	51.853	-0.131	51.873	0.108	51.887	-0.126	55.585	0.116	55.604	-0.146	55.617	0.111	55.633	-0.146
51.904	0.153	51.921	-0.081	51.939	0.162	51.955	-0.086	55.654	0.111	55.668	-0.123	55.687	0.133	55.701	-0.142
51.970	0.158	51.988	-0.140	52.005	0.126	52.020	-0.185	55.721	0.115	55.737	-0.088	55.753	0.151	55.771	-0.120
52.046	0.081	52.054	-0.172	52.075	0.090	52.088	-0.186	55.785	0.128	55.802	-0.151	55.820	0.115	55.835	-0.174
52.106	0.076	52.122	-0.154	52.140	0.130	52.156	-0.100	55.853	0.074	55.869	-0.170	55.888	0.074	55.903	-0.157
52.173	0.188	52.192	-0.042	52.209	0.153	52.224	-0.055	55.918	0.110	55.936	-0.089	55.953	0.150	55.968	-0.098
52.243	0.202	52.259	-0.052	52.275	0.125	52.292	-0.119	55.988	0.132	56.004	-0.143	56.022	0.101	56.037	-0.179
52.311	0.107	52.329	-0.146	52.343	0.124	52.360	-0.164	56.054	0.065	56.072	-0.206	56.089	0.105	56.103	-0.188
52.377	0.115	52.392	-0.155	52.411	0.093	52.428	-0.169	56.124	0.101	56.133	-0.143	56.154	0.052	56.171	-0.102
								56.151	0.105						



71.113 2/9/71 0600 PST PALOS VERDES EST. 2516 VIA TEJON N65E

3330 POINTS 70.189 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0512 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.020	-0.003	0.037	-0.003	0.048	0.009	2.409	-0.117	2.420	-0.135	2.426	-0.135	2.438	-0.109
0.061	0.021	0.070	0.019	0.083	0.013	0.093	0.003	2.469	0.006	2.483	0.037	2.502	0.057	2.517	0.069
0.107	-0.003	0.121	-0.001	0.138	0.001	0.149	0.015	2.526	-0.071	2.537	-0.037	2.554	-0.013	2.565	-0.039
0.160	0.031	0.172	0.046	0.178	0.040	0.188	0.019	2.576	-0.037	2.592	-0.027	2.600	-0.029	2.632	-0.085
0.195	-0.003	0.204	-0.017	0.212	-0.033	0.221	-0.043	2.645	-0.103	2.655	-0.089	2.676	-0.056	2.688	-0.050
0.226	-0.035	0.246	0.042	0.260	0.078	0.266	0.072	2.699	-0.062	2.730	-0.124	2.749	-0.157	2.761	-0.177
0.275	0.050	0.295	-0.029	0.306	-0.057	0.318	-0.085	2.772	-0.168	2.807	-0.053	2.831	-0.001	2.852	0.040
0.353	-0.149	0.363	-0.169	0.375	-0.167	0.390	-0.143	2.871	0.062	2.879	0.064	2.894	0.034	2.913	-0.004
0.402	-0.129	0.420	-0.125	0.429	-0.116	0.450	-0.062	2.936	-0.048	2.954	-0.089	2.981	-0.133	3.004	-0.156
0.475	0.037	0.488	0.071	0.507	0.083	0.521	0.075	3.023	-0.171	3.038	-0.157	3.071	-0.076	3.084	-0.066
0.549	0.047	0.567	0.019	0.587	-0.033	0.600	-0.053	3.095	-0.090	3.117	-0.142	3.131	-0.164	3.144	-0.162
0.613	-0.061	0.613	-0.055	0.621	-0.054	0.659	0.034	3.164	-0.118	3.189	0.032	3.209	0.169	3.222	0.231
0.673	0.070	0.684	0.064	0.702	0.050	0.719	0.034	3.232	0.247	3.240	0.225	3.263	0.048	3.280	-0.077
0.744	-0.018	0.758	0.006	0.773	-0.022	0.794	-0.062	3.289	-0.141	3.297	-0.179	3.310	-0.205	3.321	-0.185
0.806	-0.080	0.813	-0.084	0.821	-0.076	0.847	-0.015	3.343	-0.077	3.367	-0.093	3.379	0.149	3.391	0.175
0.865	0.035	0.876	0.053	0.888	0.058	0.902	0.052	3.401	0.170	3.431	0.029	3.444	-0.024	3.444	-0.024
0.915	0.046	0.926	0.058	0.944	0.080	0.960	0.104	3.456	-0.042	3.469	-0.016	3.495	0.121	3.511	0.220
0.967	0.116	0.973	0.102	0.995	0.042	1.008	0.022	3.522	-0.246	3.530	0.254	3.543	0.220	3.566	0.077
1.017	0.014	1.025	0.026	1.053	0.063	1.068	0.077	3.586	-0.045	3.598	-0.124	3.606	-0.158	3.620	-0.188
1.096	0.091	1.109	0.091	1.116	0.075	1.141	-0.011	3.631	0.204	3.642	-0.192	3.673	-0.071	3.696	0.014
1.156	-0.067	1.170	-0.099	1.182	-0.121	1.194	-0.131	3.710	0.058	3.722	0.078	3.734	0.098	3.746	0.109
1.202	-0.119	1.230	-0.014	1.245	0.030	1.256	0.033	3.763	0.113	3.773	0.103	3.793	0.056	3.806	-0.020
1.263	0.025	1.292	-0.025	1.303	-0.043	1.328	-0.047	3.820	-0.109	3.830	-0.165	3.844	-0.201	3.856	-0.215
1.345	-0.059	1.356	-0.059	1.372	-0.045	1.398	0.020	3.863	-0.201	3.955	-0.080	3.913	-0.001	3.929	0.041
1.412	0.030	1.423	0.008	1.456	-0.100	1.472	-0.154	3.942	0.061	3.955	0.065	3.964	0.051	3.979	-0.011
1.493	-0.189	1.505	-0.203	1.517	-0.184	1.542	-0.094	3.993	-0.065	4.002	-0.083	4.010	-0.087	4.021	-0.061
1.555	-0.063	1.565	-0.055	1.573	-0.067	1.594	-0.069	4.039	-0.019	4.050	-0.003	4.063	0.003	4.073	-0.007
1.608	-0.113	1.619	-0.107	1.648	-0.067	1.659	-0.061	4.097	-0.063	4.112	-0.087	4.125	-0.103	4.138	-0.105
1.678	-0.071	1.690	-0.064	1.716	-0.012	1.734	0.010	4.123	0.089	4.197	0.062	4.211	0.109	4.223	0.129
1.749	0.017	1.756	0.011	1.776	-0.019	1.791	-0.037	4.233	0.133	4.246	0.121	4.262	-0.078	4.294	-0.050
1.803	-0.039	1.815	-0.031	1.825	-0.009	1.843	0.098	4.305	-0.089	4.322	-0.109	4.331	-0.097	4.352	-0.070
1.854	0.124	1.868	0.134	1.878	0.120	1.908	0.056	4.358	-0.070	4.366	-0.080	4.392	-0.129	4.411	-0.141
1.923	0.036	1.947	0.043	1.965	0.029	1.992	0.019	4.422	-0.135	4.441	-0.092	4.477	0.012	4.492	0.039
2.007	0.005	2.019	-0.005	2.031	-0.005	2.052	0.009	4.504	0.041	4.509	0.021	4.528	-0.036	4.539	-0.060
2.070	0.042	2.093	0.088	2.105	0.112	2.117	0.119	4.549	-0.052	4.582	0.093	4.597	0.130	4.608	0.140
2.126	0.111	2.142	0.077	2.157	0.034	2.171	-0.016	4.616	0.122	4.648	0.013	4.658	-0.011	4.672	-0.027
2.182	-0.054	2.195	-0.084	2.208	-0.100	2.217	-0.094	4.682	-0.023	4.706	0.005	4.718	0.017	4.740	-0.075
2.228	-0.078	2.246	-0.033	2.263	-0.033	2.277	0.071	4.765	-0.023	4.793	-0.037	4.807	-0.053	4.827	-0.075
2.294	0.112	2.313	0.144	2.328	0.164	2.336	0.168	4.845	-0.091	4.875	-0.103	4.876	-0.151	4.886	-0.171
2.344	0.158	2.369	0.088	2.387	0.002	2.399	-0.075	4.896	-0.165	4.930	-0.090	4.945	-0.066	4.963	-0.046

4.972	-0.0350	4.991	-0.0800	5.002	-0.0800	5.017	-0.0666	9.180	-0.0666	9.193	-0.082	9.211	-0.096	9.231	-0.096
5.032	-0.036	5.055	0.031	5.068	0.051	5.074	0.051	9.249	-0.090	9.266	-0.062	9.277	-0.042	9.289	-0.036
5.095	0.021	5.128	0.031	5.128	0.031	5.150	0.043	9.300	-0.050	9.338	-0.131	9.353	-0.147	9.366	-0.121
5.159	0.038	5.180	0.028	5.207	0.010	5.216	-0.007	9.409	0.008	9.419	0.008	9.433	0.028	9.456	-0.004
5.237	-0.047	5.248	-0.063	5.261	-0.057	5.277	-0.008	9.469	-0.004	9.495	0.008	9.514	0.014	9.534	0.006
5.312	0.175	5.331	0.209	5.340	0.205	5.352	0.173	9.557	-0.010	9.587	-0.018	9.608	-0.034	9.623	-0.040
5.379	0.052	5.411	-0.027	5.422	-0.051	5.435	-0.049	9.642	-0.026	9.670	0.014	9.699	0.042	9.708	0.081
5.453	-0.033	5.476	-0.023	5.504	0.050	5.519	0.064	9.749	0.093	9.761	0.085	9.783	0.060	9.808	0.056
5.530	0.068	5.549	0.053	5.576	0.001	5.588	-0.015	9.826	0.054	9.839	0.042	9.870	0.030	9.887	0.022
5.598	-0.005	5.633	0.069	5.649	0.107	5.663	0.113	9.900	-0.000	9.933	-0.074	9.949	-0.119	9.957	-0.129
5.673	0.095	5.705	-0.016	5.723	-0.097	5.739	-0.157	9.966	-0.129	9.980	-0.109	10.003	-0.024	10.033	0.137
5.750	-0.180	5.762	-0.198	5.771	-0.198	5.786	-0.178	10.044	0.189	10.059	0.217	10.072	0.223	10.090	0.205
5.807	0.095	5.843	0.099	5.854	0.144	5.862	0.164	10.101	0.181	10.124	0.151	10.134	0.121	10.151	0.099
5.869	0.166	5.876	0.154	5.890	0.105	5.923	-0.084	10.178	0.185	10.190	0.135	10.206	0.117	10.231	0.032
5.933	-0.121	5.944	-0.133	5.963	-0.147	5.990	-0.212	10.263	-0.046	10.279	-0.109	10.296	-0.137	10.319	-0.165
6.005	-0.224	6.011	-0.212	6.050	-0.097	6.065	-0.069	10.339	-0.185	10.352	-0.191	10.361	-0.183	10.416	-0.083
6.090	-0.047	6.119	-0.011	6.150	-0.026	6.183	-0.010	10.455	0.004	10.474	0.030	10.510	0.012	10.548	-0.006
6.197	0.002	6.222	0.022	6.255	-0.004	6.293	0.014	10.560	-0.002	10.601	0.034	10.633	0.046	10.644	0.032
6.321	-0.004	6.339	0.012	6.375	0.117	6.385	0.125	10.696	-0.058	10.714	-0.083	10.728	-0.076	10.771	-0.028
6.393	0.109	6.421	0.008	6.435	-0.034	6.472	-0.127	10.782	-0.024	10.795	-0.038	10.831	-0.111	10.864	-0.151
6.485	-0.147	6.500	-0.137	6.534	-0.056	6.543	-0.034	10.884	-0.149	10.915	-0.079	10.934	-0.018	10.952	0.010
6.574	-0.020	6.588	0.004	6.651	0.185	6.663	0.211	10.967	-0.004	10.991	-0.045	11.013	-0.067	11.029	-0.063
6.681	0.231	6.695	0.213	6.706	0.173	6.739	-0.024	11.076	0.049	11.104	0.088	11.123	0.064	11.129	0.054
6.751	-0.079	6.769	-0.115	6.781	-0.123	6.810	-0.097	11.158	-0.017	11.176	-0.059	11.191	-0.085	11.204	-0.095
6.838	-0.065	6.846	-0.047	6.880	0.060	6.895	0.086	11.215	-0.079	11.230	-0.028	11.251	-0.023	11.261	0.049
6.906	0.082	6.927	0.068	6.937	0.082	6.961	0.138	11.276	0.055	11.292	0.045	11.304	0.045	11.328	0.066
6.973	0.150	6.985	0.140	7.001	0.091	7.031	-0.100	11.352	0.099	11.369	0.119	11.382	0.129	11.395	0.117
7.044	-0.159	7.060	-0.191	7.076	-0.189	7.094	-0.151	11.424	0.057	11.436	0.029	11.447	0.011	11.457	0.011
7.126	-0.046	7.138	-0.024	7.151	-0.012	7.162	-0.010	11.483	0.025	11.494	0.020	11.503	0.007	11.539	-0.061
7.181	-0.014	7.194	-0.033	7.212	-0.097	7.231	-0.180	11.554	-0.091	11.566	-0.105	11.575	-0.113	11.587	-0.107
7.245	-0.196	7.255	-0.180	7.291	-0.031	7.315	0.043	11.620	-0.054	11.637	-0.028	11.655	-0.010	11.672	0.004
7.347	0.126	7.363	0.152	7.371	0.156	7.382	0.146	11.689	0.010	11.704	-0.006	11.721	-0.028	11.729	-0.032
7.401	0.102	7.430	0.053	7.448	-0.158	7.456	-0.198	11.742	-0.020	11.761	-0.002	11.776	0.008	11.792	-0.000
7.467	-0.224	7.476	-0.222	7.492	-0.174	7.519	0.001	11.819	-0.034	11.836	-0.056	11.851	-0.064	11.867	-0.054
7.539	0.090	7.547	0.116	7.561	0.112	7.591	0.036	11.885	-0.028	11.908	0.018	11.921	0.032	11.930	0.030
7.605	-0.002	7.619	-0.020	7.631	-0.014	7.655	0.018	11.941	0.012	11.966	-0.030	11.978	-0.044	11.989	-0.046
7.669	0.026	7.679	0.006	7.707	-0.087	7.720	-0.119	12.001	-0.040	12.020	-0.014	12.033	0.006	12.043	0.010
7.731	-0.125	7.742	-0.101	7.782	0.073	7.796	0.109	12.049	0.012	12.057	0.004	12.071	-0.012	12.084	-0.030
7.815	0.127	7.834	0.109	7.848	0.070	7.872	-0.050	12.094	-0.036	12.109	-0.040	12.125	-0.044	12.135	-0.052
7.886	-0.074	7.904	-0.064	7.940	-0.026	7.957	-0.010	12.148	-0.072	12.159	-0.085	12.171	-0.093	12.182	-0.093
7.975	0.012	7.985	0.010	8.004	-0.002	8.027	-0.016	12.197	-0.081	12.212	-0.062	12.224	-0.054	12.239	-0.050
8.057	-0.020	8.077	-0.016	8.092	-0.022	8.121	-0.042	12.254	-0.038	12.280	0.006	12.313	0.071	12.325	0.087
8.139	-0.054	8.154	-0.052	8.163	-0.040	8.196	0.047	12.341	0.097	12.352	0.089	12.381	0.038	12.411	-0.024
8.204	0.061	8.215	0.069	8.224	0.061	8.233	0.045	12.440	-0.080	12.458	-0.113	12.473	-0.133	12.484	-0.131
8.271	-0.044	8.283	-0.070	8.297	-0.086	8.305	-0.086	12.505	-0.116	12.526	-0.096	12.537	-0.104	12.552	-0.124
8.331	-0.050	8.346	-0.031	8.362	-0.045	8.381	-0.063	12.570	-0.151	12.582	-0.167	12.595	-0.171	12.612	-0.161
8.391	-0.067	8.404	-0.047	8.456	0.068	8.472	0.104	12.625	-0.136	12.668	-0.013	12.701	0.083	12.716	0.109
8.486	0.116	8.499	0.096	8.529	-0.002	8.541	-0.023	12.728	0.124	12.740	0.124	12.752	0.118	12.765	0.099
8.553	-0.029	8.563	-0.016	8.594	0.036	8.607	0.038	12.785	0.069	12.797	0.051	12.812	0.045	12.829	0.037
8.621	0.028	8.641	0.008	8.671	-0.105	8.681	-0.133	12.847	0.041	12.866	0.043	12.883	0.053	12.895	0.057
8.695	-0.147	8.743	-0.135	8.743	-0.135	8.759	0.048	12.907	0.059	12.919	0.055	12.931	0.047	12.945	0.035
8.784	0.090	8.801	0.107	8.810	0.117	8.826	0.104	12.958	0.023	12.970	0.019	12.979	0.017	12.999	0.021
8.864	0.096	8.864	0.096	8.879	0.092	8.896	0.078	13.022	-0.021	13.041	0.021	13.065	0.023	13.082	0.015
8.911	0.056	8.960	-0.077	8.978	-0.115	8.989	-0.122	13.095	0.001	13.130	-0.041	13.149	-0.067	13.165	-0.079
9.014	-0.108	9.040	-0.092	9.055	-0.088	9.076	-0.102	13.175	-0.081	13.193	-0.079	13.220	-0.081	13.237	-0.073
9.095	-0.098	9.114	-0.090	9.135	-0.066	9.156	-0.068	13.258	-0.049	13.299	0.020	13.314	0.032	13.321	0.032

13.332	0.020	13.362	-0.055	13.377	-0.083	13.393	-0.107	17.696	0.048	17.709	0.052	17.725	0.056	17.738	0.048
13.413	-0.123	13.425	-0.129	13.445	-0.117	13.471	-0.105	17.765	0.032	17.779	0.030	17.795	0.032	17.821	0.040
13.498	-0.106	13.512	-0.094	13.544	-0.036	13.560	-0.017	17.828	0.036	17.864	-0.004	17.885	-0.028	17.897	-0.040
13.572	-0.005	13.599	0.005	13.628	0.025	13.654	0.062	17.906	-0.036	17.930	-0.026	17.949	-0.020	17.976	-0.016
13.666	0.074	13.677	0.070	13.698	0.032	13.720	-0.023	17.991	-0.003	18.005	-0.031	18.017	0.017	18.033	0.013
13.737	-0.045	13.749	-0.047	13.762	-0.033	13.800	-0.004	18.048	0.001	18.087	-0.031	18.106	-0.035	18.117	-0.025
13.818	0.014	13.836	0.022	13.851	0.024	13.864	0.018	18.140	-0.009	18.149	-0.007	18.161	-0.017	18.189	-0.047
13.892	0.002	13.926	-0.006	13.947	-0.018	13.959	-0.020	18.207	-0.061	18.243	-0.061	18.273	-0.065	18.308	-0.059
13.977	0.010	13.995	0.010	14.010	0.024	14.027	0.034	18.335	-0.055	18.353	-0.041	18.399	0.025	18.417	0.041
14.040	0.040	14.054	0.044	14.070	0.034	14.100	0.010	18.432	0.055	18.442	0.057	18.452	0.047	18.479	0.017
14.114	0.002	14.128	0.006	14.142	0.016	14.158	0.020	18.496	0.011	18.534	0.007	18.561	0.003	18.576	0.017
14.177	0.008	14.208	-0.036	14.220	-0.052	14.232	-0.052	18.600	0.013	18.615	0.013	18.632	0.006	18.666	0.014
14.245	-0.044	14.274	-0.006	14.286	0.008	14.295	0.012	18.707	-0.046	18.727	-0.056	18.743	-0.058	18.759	-0.052
14.304	0.004	14.321	-0.018	14.361	-0.107	14.376	-0.131	18.784	-0.036	18.802	-0.034	18.822	-0.028	18.841	-0.024
14.390	0.145	14.404	-0.139	14.426	-0.113	14.471	-0.036	18.857	-0.016	18.869	-0.014	18.886	-0.026	18.911	-0.042
14.481	-0.014	14.497	-0.008	14.512	-0.014	14.534	-0.020	18.926	-0.050	18.936	-0.044	18.978	0.002	18.989	0.020
14.542	-0.024	14.562	-0.016	14.586	-0.002	14.600	-0.050	19.003	0.020	19.016	0.014	19.040	0.006	19.080	-0.030
14.624	-0.028	14.644	-0.038	14.660	-0.042	14.680	-0.050	19.097	-0.044	19.109	-0.048	19.125	-0.046	19.155	-0.036
14.695	-0.044	14.716	-0.030	14.739	-0.010	14.762	0.004	19.199	-0.024	19.223	-0.014	19.238	-0.010	19.261	-0.014
14.780	0.016	14.791	0.018	14.804	0.006	14.828	-0.022	19.296	-0.025	19.324	-0.037	19.346	-0.051	19.361	-0.057
14.845	-0.037	14.854	-0.037	14.870	-0.023	14.893	-0.003	19.384	-0.061	19.401	-0.057	19.433	-0.047	19.455	-0.057
14.915	0.007	14.935	0.013	14.953	0.021	14.970	0.013	19.479	-0.074	19.501	-0.090	19.518	-0.092	19.531	-0.088
14.991	0.007	15.004	0.011	15.024	0.013	15.038	0.005	19.560	-0.072	19.584	-0.058	19.615	-0.034	19.644	-0.008
15.058	-0.007	15.083	-0.013	15.101	-0.019	15.112	-0.011	19.662	0.010	19.678	0.020	19.726	0.020	19.747	0.028
15.127	-0.007	15.139	-0.007	15.162	-0.012	15.173	-0.010	19.761	0.028	19.788	0.024	19.810	0.013	19.828	0.005
15.205	0.010	15.225	0.026	15.238	0.030	15.265	0.030	19.851	0.007	19.870	0.007	19.884	-0.001	19.903	-0.011
15.302	0.032	15.316	0.040	15.333	0.050	15.346	0.058	19.916	-0.005	19.944	0.005	19.955	0.007	19.986	-0.003
15.360	0.050	15.388	0.023	15.422	-0.021	15.441	-0.041	20.004	0.001	20.063	0.053	20.082	0.061	20.094	0.057
15.452	-0.041	15.469	-0.035	15.499	-0.005	15.530	0.017	20.115	0.044	20.142	0.022	20.162	0.016	20.178	0.016
15.545	0.031	15.564	0.045	15.575	0.039	15.601	0.009	20.208	0.012	20.224	0.005	20.237	-0.005	20.290	-0.050
15.617	-0.000	15.642	-0.006	15.652	-0.020	15.673	-0.046	20.336	-0.092	20.367	-0.115	20.389	-0.127	20.399	-0.129
15.685	-0.036	15.698	-0.030	15.722	-0.024	15.766	0.020	20.413	-0.123	20.440	-0.111	20.454	-0.103	20.465	-0.107
15.796	0.044	15.814	0.050	15.838	0.054	15.855	0.050	20.489	-0.121	20.508	-0.127	20.515	-0.127	20.528	-0.125
15.870	0.030	15.901	-0.016	15.918	-0.038	15.933	-0.042	20.546	-0.117	20.579	-0.079	20.596	-0.067	20.606	-0.073
15.952	-0.042	15.969	-0.034	15.984	-0.028	15.996	-0.028	20.633	-0.093	20.649	-0.105	20.662	-0.109	20.681	-0.103
16.007	-0.036	16.029	-0.062	16.042	-0.080	16.055	-0.091	20.749	-0.059	20.786	-0.033	20.809	-0.017	20.824	-0.011
16.139	-0.020	16.154	-0.016	16.172	-0.020	16.195	-0.030	20.844	-0.011	20.883	-0.015	20.914	-0.015	20.945	-0.019
16.211	-0.036	16.221	-0.032	16.244	-0.016	16.265	0.012	20.972	-0.018	20.994	-0.014	21.025	-0.006	21.049	0.008
16.282	0.030	16.295	0.040	16.310	0.044	16.324	0.040	21.087	0.040	21.113	0.068	21.133	0.086	21.147	0.094
16.341	0.030	16.358	0.024	16.375	0.020	16.393	0.024	21.170	0.100	21.193	0.106	21.208	0.110	21.225	0.110
16.404	0.028	16.422	0.042	16.440	0.052	16.446	0.054	21.257	0.110	21.285	0.108	21.307	0.100	21.332	0.084
16.461	0.046	16.485	0.032	16.522	0.020	16.535	0.010	21.352	0.065	21.370	0.057	21.385	0.053	21.396	0.057
16.564	-0.004	16.576	-0.036	16.593	-0.000	16.616	0.015	21.416	0.073	21.442	0.087	21.463	0.097	21.492	0.097
16.640	0.029	16.667	0.043	16.684	0.047	16.697	0.049	21.516	0.101	21.537	0.099	21.569	0.097	21.594	0.097
16.708	0.004	16.733	0.017	16.749	0.007	16.766	-0.001	21.609	0.093	21.624	0.087	21.636	0.079	21.647	0.070
16.780	0.005	16.810	0.039	16.843	0.092	16.858	0.114	21.660	0.056	21.675	0.044	21.692	0.022	21.702	0.006
16.871	0.116	16.887	0.110	16.905	0.074	16.938	-0.004	21.722	-0.018	21.752	-0.053	21.773	-0.075	21.793	-0.083
16.953	-0.036	16.967	-0.044	16.981	-0.036	17.015	-0.006	21.811	-0.089	21.830	-0.092	21.848	-0.090	21.863	-0.086
17.032	0.006	17.049	0.009	17.063	0.003	17.091	-0.011	21.877	-0.082	21.889	-0.072	21.901	-0.068	21.916	-0.067
17.107	-0.025	17.145	-0.041	17.164	-0.047	17.183	-0.047	21.929	-0.063	21.938	-0.061	21.954	-0.059	21.970	-0.063
17.210	-0.035	17.251	0.006	17.279	0.036	17.296	0.046	21.983	-0.066	21.994	-0.070	22.016	-0.064	22.027	-0.070
17.324	0.035	17.356	0.031	17.374	0.015	17.412	-0.026	22.045	-0.076	22.063	-0.083	22.072	-0.081	22.093	-0.073
17.440	-0.037	17.457	-0.045	17.480	-0.061	17.512	-0.081	22.115	-0.061	22.142	-0.046	22.160	-0.032	22.157	-0.022
17.530	-0.091	17.540	-0.085	17.552	-0.069	17.563	-0.038	22.169	-0.014	22.183	-0.008	22.202	-0.004	22.219	-0.000
17.615	0.060	17.638	0.076	17.657	0.080	17.663	0.074	22.231	0.004	22.247	0.004	22.264	0.004	22.279	0.004
								22.292	0.000	22.309	-0.004	22.322	-0.005	22.333	-0.003

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22.352	0.009	22.372	0.027	22.395	0.047	22.415	0.063	26.150	0.035	26.171	0.047	26.179	0.053	26.196	0.053
22.430	0.074	22.443	0.034	22.462	0.090	22.480	0.092	26.219	0.047	26.239	0.041	26.263	0.029	26.280	0.021
22.496	0.088	22.520	0.084	22.533	0.082	22.559	0.080	26.299	0.019	26.317	0.023	26.337	0.029	26.355	0.038
22.575	0.072	22.589	0.061	22.615	0.041	22.632	0.033	26.381	0.060	26.419	0.080	26.419	0.092	26.436	0.102
22.651	0.027	22.668	0.023	22.684	0.013	22.701	0.011	26.459	0.108	26.481	0.108	26.503	0.108	26.526	0.108
22.714	0.005	22.730	0.001	22.745	-0.003	22.760	-0.007	26.550	0.110	26.577	0.104	26.595	0.100	26.611	0.102
22.775	-0.003	22.792	-0.003	22.815	-0.003	22.852	-0.003	26.641	0.086	26.668	0.072	26.688	0.064	26.704	0.058
22.871	-0.003	22.888	-0.003	22.906	0.001	22.922	0.011	26.717	0.046	26.735	0.028	26.764	-0.006	26.806	-0.050
22.938	0.025	22.954	0.037	22.968	0.053	22.979	0.059	26.826	-0.072	26.845	-0.080	26.861	-0.072	26.886	-0.060
22.989	0.061	23.000	0.065	23.014	0.061	23.029	0.055	26.911	-0.066	26.945	-0.074	26.974	-0.080	27.011	-0.083
23.047	0.051	23.063	0.045	23.076	0.045	23.089	0.045	27.035	-0.083	27.071	-0.081	27.098	-0.078	27.126	-0.070
23.103	0.051	23.117	0.055	23.131	0.055	23.147	0.053	27.178	-0.016	27.195	0.004	27.211	0.018	27.231	0.020
23.159	0.050	23.171	0.044	23.185	0.038	23.201	0.030	27.270	0.030	27.303	0.044	27.323	0.054	27.342	0.058
23.212	0.028	23.229	0.032	23.245	0.036	23.257	0.042	27.363	0.058	27.399	0.056	27.422	0.066	27.440	0.075
23.272	0.050	23.289	0.056	23.304	0.058	23.313	0.064	27.458	0.079	27.489	0.079	27.508	0.087	27.531	0.101
23.328	0.071	23.341	0.081	23.352	0.089	23.362	0.093	27.547	0.109	27.562	0.111	27.582	0.105	27.606	0.097
23.374	0.097	23.384	0.093	23.404	0.089	23.423	0.077	27.630	0.087	27.651	0.079	27.675	0.066	27.696	0.048
23.440	0.070	23.452	0.064	23.469	0.052	23.494	0.028	27.722	0.024	27.745	0.002	27.765	-0.016	27.782	-0.026
23.514	0.008	23.529	-0.000	23.546	-0.016	23.563	-0.042	27.806	-0.032	27.827	-0.028	27.839	-0.028	27.856	-0.036
23.577	-0.054	23.595	-0.076	23.607	-0.090	23.624	-0.106	27.881	-0.048	27.904	-0.056	27.927	-0.058	27.945	-0.058
23.639	-0.114	23.655	-0.118	23.668	-0.116	23.685	-0.114	27.967	-0.072	27.985	-0.076	27.997	-0.076	28.017	-0.076
23.704	-0.112	23.728	-0.110	23.744	-0.102	23.765	-0.088	28.033	-0.076	28.061	-0.080	28.085	-0.083	28.109	-0.087
23.783	-0.075	23.798	-0.063	23.812	-0.057	23.826	-0.045	28.125	-0.081	28.154	-0.072	28.185	-0.060	28.212	-0.050
23.845	-0.031	23.858	-0.017	23.868	-0.009	23.882	-0.007	28.235	-0.042	28.262	-0.036	28.284	-0.032	28.313	-0.024
23.897	-0.013	23.914	-0.023	23.930	-0.035	23.946	-0.039	28.343	-0.016	28.364	-0.010	28.383	-0.002	28.392	0.002
23.966	-0.041	23.987	-0.038	24.002	-0.036	24.020	-0.032	28.448	-0.004	28.452	0.006	28.472	-0.000	28.495	-0.010
24.036	-0.024	24.054	-0.018	24.070	-0.012	24.084	-0.008	28.515	-0.008	28.532	-0.002	28.555	-0.004	28.580	-0.008
24.102	-0.004	24.116	-0.006	24.135	-0.008	24.147	-0.012	28.601	-0.008	28.625	-0.020	28.644	-0.026	28.658	-0.028
24.164	-0.018	24.177	-0.020	24.191	-0.018	24.205	-0.015	28.675	-0.026	28.698	-0.014	28.715	-0.004	28.725	-0.004
24.221	-0.013	24.243	-0.005	24.255	0.001	24.265	0.003	28.743	-0.006	28.763	0.004	28.782	-0.000	28.800	-0.004
24.280	-0.001	24.294	-0.009	24.307	-0.015	24.318	-0.017	28.815	-0.006	28.830	-0.002	28.846	0.002	28.859	0.006
24.334	-0.017	24.348	-0.011	24.360	-0.009	24.372	-0.007	28.867	0.004	28.885	-0.000	28.903	-0.004	28.915	-0.006
24.381	-0.009	24.393	-0.013	24.407	-0.021	24.419	-0.029	28.927	-0.000	28.945	0.006	28.961	0.018	28.970	0.022
24.431	-0.033	24.441	-0.033	24.457	-0.031	24.470	-0.023	28.988	0.016	29.008	0.006	29.027	-0.004	29.042	-0.008
24.484	-0.015	24.497	-0.006	24.509	0.002	24.520	0.010	29.056	-0.004	29.076	-0.000	29.095	0.006	29.110	0.012
24.529	0.010	24.545	0.008	24.564	0.002	24.576	-0.002	29.119	0.012	29.137	0.006	29.162	-0.004	29.186	-0.010
24.587	0.002	24.618	0.022	24.648	0.042	24.664	0.052	29.207	-0.012	29.222	-0.006	29.238	-0.002	29.261	0.006
24.685	0.058	24.698	0.050	24.724	0.038	24.751	0.028	29.276	0.012	29.288	0.016	29.306	0.012	29.325	0.008
24.782	0.016	24.809	0.005	24.822	0.005	24.849	0.011	29.343	0.008	29.360	0.006	29.376	0.008	29.388	0.012
24.866	0.013	24.887	0.009	24.904	0.005	24.921	0.001	29.403	0.008	29.426	0.004	29.446	-0.000	29.464	-0.008
24.938	-0.007	24.951	-0.017	24.968	-0.031	24.984	-0.039	29.493	-0.006	29.505	-0.010	29.516	-0.014	29.529	-0.020
25.006	-0.045	25.026	-0.047	25.046	-0.051	25.063	-0.055	29.544	-0.026	29.558	-0.028	29.581	-0.028	29.595	-0.024
25.076	-0.061	25.097	-0.079	25.113	-0.095	25.131	-0.101	29.622	-0.020	29.647	-0.012	29.664	-0.006	29.685	-0.006
25.149	-0.105	25.169	-0.107	25.186	-0.105	25.202	-0.099	29.709	-0.008	29.724	-0.010	29.747	-0.014	29.766	-0.016
25.223	-0.089	25.244	-0.079	25.259	-0.071	25.273	-0.067	29.792	-0.013	29.810	-0.015	29.830	-0.025	29.851	-0.041
25.291	-0.065	25.308	-0.063	25.325	-0.060	25.338	-0.058	29.869	-0.053	29.885	-0.058	29.899	-0.058	29.931	-0.050
25.361	-0.038	25.384	-0.024	25.399	-0.012	25.415	-0.004	29.961	-0.040	29.978	-0.036	30.003	-0.042	30.026	-0.047
25.428	0.002	25.439	0.002	25.462	-0.004	25.487	-0.012	30.047	-0.053	30.061	-0.043	30.083	-0.025	30.119	0.015
25.508	-0.012	25.526	-0.012	25.561	0.004	25.585	0.014	30.135	0.031	30.152	0.041	30.174	0.047	30.204	0.055
25.609	0.031	25.636	0.047	25.659	0.061	25.680	0.075	30.223	0.065	30.243	0.075	30.259	0.083	30.281	0.080
25.695	0.079	25.719	0.081	25.738	0.085	25.755	0.087	30.307	0.076	30.334	0.076	30.351	0.064	30.374	0.055
25.774	0.083	25.796	0.069	25.813	0.063	25.835	0.058	30.394	0.076	30.420	0.035	30.440	0.026	30.455	0.022
25.858	0.028	25.880	0.040	25.903	0.032	25.924	0.028	30.479	0.022	30.502	0.022	30.528	0.013	30.568	0.010
25.938	0.026	25.956	0.036	25.977	0.040	25.997	0.048	30.599	0.022	30.626	0.012	30.644	0.015	30.663	0.025
26.016	0.052	26.033	0.054	26.051	0.058	26.068	0.055	30.683	0.023	30.713	0.021	30.736	0.014	30.758	0.008
26.087	0.051	26.103	0.039	26.121	0.029	26.135	0.029	30.770	0.010	30.789	0.008	30.804	0.008	30.819	0.010

30.838	0.002	30.859	-0.008	30.876	-0.015	30.889	-0.015	34.754	0.033	34.786	0.035	34.809	0.035	34.824	0.029
30.903	-0.009	30.924	0.005	30.948	0.021	30.965	0.031	34.846	0.027	34.876	0.025	34.904	0.020	34.938	0.018
30.985	0.041	31.000	0.043	31.016	0.045	31.041	0.045	34.974	0.018	35.000	0.014	35.025	0.008	35.048	0.004
31.056	0.039	31.071	0.028	31.084	0.016	31.101	0.004	35.068	-0.001	35.087	-0.007	35.108	-0.021	35.127	-0.027
31.112	-0.006	31.129	-0.016	31.144	-0.021	31.163	-0.019	35.143	-0.031	35.154	-0.035	35.167	-0.031	35.181	-0.025
31.186	-0.019	31.208	-0.015	31.251	-0.007	31.279	-0.004	35.203	-0.015	35.226	-0.004	35.238	0.006	35.254	0.014
31.309	0.000	31.339	0.004	31.356	0.002	31.372	-0.001	35.417	0.025	35.466	0.024	35.503	0.026	35.527	0.024
31.389	-0.005	31.438	-0.011	31.423	-0.013	31.439	-0.011	35.547	0.013	35.585	0.007	35.606	0.003	35.619	0.005
31.465	-0.009	31.488	-0.012	31.512	-0.014	31.542	-0.020	35.554	0.015	35.585	0.021	35.670	0.023	35.699	0.027
31.560	-0.016	31.596	-0.012	31.611	-0.010	31.642	0.016	35.738	0.027	35.762	0.023	35.783	0.019	35.801	0.015
31.671	0.050	31.697	0.052	31.720	0.060	31.739	0.058	35.828	0.013	35.854	0.007	35.882	-0.004	35.904	-0.008
31.762	0.048	31.785	0.036	31.813	0.056	31.837	0.050	35.932	-0.004	35.958	-0.002	35.982	-0.002	36.004	-0.006
31.858	0.040	31.876	0.032	31.900	0.040	31.924	0.048	36.030	-0.017	36.051	-0.031	36.072	-0.041	36.090	-0.043
31.943	0.042	31.964	0.030	31.985	0.020	32.005	0.012	36.111	-0.045	36.134	-0.045	36.153	-0.041	36.172	-0.040
32.024	0.022	32.050	0.036	32.068	0.044	32.081	0.048	36.188	-0.042	36.209	-0.050	36.228	-0.064	36.256	-0.072
32.099	0.048	32.117	0.040	32.138	0.024	32.158	0.016	36.275	-0.078	36.296	-0.078	36.316	-0.083	36.334	-0.083
32.173	0.018	32.196	0.020	32.213	0.022	32.229	0.020	36.334	-0.081	36.378	-0.069	36.397	-0.061	36.417	-0.057
32.244	0.012	32.262	0.006	32.280	0.004	32.297	0.008	36.444	-0.059	36.470	-0.057	36.492	-0.053	36.521	-0.053
32.320	0.022	32.334	0.028	32.352	0.030	32.372	0.024	36.542	-0.045	36.563	-0.039	36.586	-0.035	36.606	-0.033
32.395	0.016	32.410	0.016	32.422	0.020	32.434	0.020	36.632	-0.037	36.657	-0.045	36.686	-0.049	36.705	-0.049
32.445	0.028	32.454	0.034	32.479	0.058	32.495	0.075	36.728	-0.045	36.753	-0.041	36.774	-0.035	36.798	-0.029
32.506	0.083	32.516	0.081	32.523	0.081	32.554	0.079	36.812	-0.025	36.827	-0.023	36.848	-0.029	36.870	-0.037
32.586	0.071	32.595	0.070	32.606	0.071	32.617	0.075	36.882	-0.047	36.909	-0.049	36.930	-0.045	36.962	-0.026
*32.629	0.077	32.641	0.079	32.653	0.081	32.662	0.083	36.985	-0.018	37.006	-0.014	37.046	-0.016	37.066	-0.016
32.671	0.085	32.677	0.089	32.685	0.091	32.693	0.095	37.085	-0.014	37.103	-0.012	37.128	-0.000	37.143	0.006
32.699	0.091	32.708	0.089	32.717	0.087	32.726	0.081	37.158	0.008	37.180	0.012	37.198	0.016	37.221	0.030
32.733	0.079	32.758	0.062	32.769	0.048	32.778	0.042	37.248	0.044	37.281	0.058	37.314	0.072	37.336	0.078
32.788	0.032	32.796	0.032	32.807	0.028	32.817	0.028	37.358	0.084	37.377	0.086	37.396	0.086	37.420	0.076
32.833	0.028	32.846	0.024	32.862	0.020	32.878	0.018	37.443	0.068	37.462	0.068	37.475	0.068	37.493	0.072
32.891	0.014	32.900	0.010	32.912	0.004	32.926	-0.004	37.515	0.074	37.536	0.070	37.557	0.069	37.585	0.061
32.939	-0.008	32.949	-0.016	32.993	-0.028	33.033	-0.044	37.603	0.057	37.629	0.063	37.653	0.067	37.675	0.065
33.064	-0.058	33.089	-0.064	33.112	-0.072	33.136	-0.076	37.707	0.061	37.733	0.057	37.757	0.055	37.781	0.055
33.157	-0.078	33.174	-0.076	33.200	-0.068	33.228	-0.060	37.798	0.050	37.811	0.048	37.843	0.034	37.862	0.028
33.248	-0.064	33.271	-0.068	33.289	-0.074	33.300	-0.080	37.971	0.008	38.001	0.008	38.024	0.008	38.051	0.012
33.313	-0.082	33.326	-0.078	33.343	-0.078	33.357	-0.075	38.072	0.016	38.090	0.020	38.111	0.026	38.128	0.036
33.387	-0.075	33.401	-0.077	33.410	-0.073	33.428	-0.063	38.145	-0.042	38.154	0.044	38.162	0.048	38.177	0.040
33.441	-0.056	33.457	-0.052	33.474	-0.046	33.488	-0.036	38.201	0.031	38.220	0.023	38.238	0.019	38.254	0.019
33.508	-0.026	33.523	-0.017	33.536	-0.011	33.550	0.001	38.272	0.021	38.292	0.025	38.310	0.027	38.321	0.029
33.566	0.009	33.582	0.017	33.599	0.022	33.609	0.024	38.338	0.023	38.356	0.019	38.377	0.010	38.398	-0.000
33.633	0.022	33.647	0.020	33.662	0.023	33.680	0.025	38.421	-0.002	38.440	-0.002	38.461	-0.004	38.483	-0.006
33.697	0.027	33.715	0.031	33.735	0.032	33.748	0.036	38.506	-0.014	38.526	-0.016	38.545	-0.015	38.567	-0.013
33.759	0.036	33.773	0.034	33.789	0.030	33.800	0.020	38.587	-0.009	38.604	-0.005	38.623	-0.009	38.643	-0.015
33.810	0.012	33.822	0.002	33.833	-0.004	33.842	-0.010	38.665	-0.023	38.682	-0.027	38.706	-0.029	38.733	-0.029
33.863	-0.012	33.879	-0.014	33.902	-0.020	33.921	-0.023	38.754	-0.029	38.775	-0.030	38.802	-0.034	38.822	-0.036
33.939	-0.027	33.952	-0.035	33.967	-0.041	33.981	-0.049	38.838	-0.032	38.866	-0.028	38.892	-0.020	38.917	-0.012
33.991	-0.053	34.003	-0.058	34.013	-0.060	34.026	-0.064	38.944	0.004	38.967	0.012	38.995	0.016	39.022	0.024
34.037	-0.060	34.050	-0.056	34.065	-0.059	34.079	-0.061	39.043	0.032	39.058	0.034	39.081	0.028	39.107	0.020
34.094	-0.063	34.109	-0.068	34.123	-0.072	34.138	-0.072	39.131	0.014	39.155	0.012	39.181	0.008	39.204	0.002
34.159	-0.073	34.181	-0.071	34.207	-0.070	34.229	-0.068	39.228	-0.004	39.257	0.002	39.279	0.007	39.305	0.015
34.237	-0.062	34.266	-0.056	34.290	-0.041	34.306	-0.025	39.328	0.021	39.350	0.029	39.372	0.031	39.405	0.031
34.317	-0.017	34.326	-0.009	34.339	0.003	34.359	0.007	39.432	0.032	39.458	0.036	39.495	0.042	39.531	0.052
34.380	0.013	34.400	0.021	34.415	0.031	34.434	0.049	39.562	0.057	39.591	0.061	39.611	0.061	39.635	0.057
34.456	0.078	34.470	0.072	34.486	0.074	34.518	0.074	39.663	0.053	39.694	0.051	39.727	0.053	39.756	0.051
34.538	0.078	34.559	0.082	34.573	0.081	34.593	0.079	39.788	0.047	39.817	0.041	39.843	0.025	39.871	0.007
34.612	0.073	34.630	0.067	34.651	0.061	34.667	0.053								
34.686	0.045	34.701	0.041	34.716	0.037	34.734	0.031								

39.900	-0.008	39.930	-0.014	39.958	-0.022	39.982	-0.028	45.584	0.035	45.607	0.037	45.628	0.035	45.655	0.028
40.009	-0.028	40.030	-0.026	40.054	-0.029	40.082	-0.043	45.685	0.014	45.705	0.008	45.726	-0.000	45.760	0.002
40.113	-0.051	40.123	-0.055	40.158	-0.046	40.190	-0.040	45.792	0.000	45.813	0.002	45.831	0.004	45.866	0.002
40.213	-0.036	40.251	-0.042	40.270	-0.037	40.300	-0.029	45.883	-0.011	45.913	-0.019	45.935	-0.027	45.969	-0.027
40.323	-0.027	40.371	-0.025	40.394	-0.023	40.430	-0.019	45.981	-0.025	46.015	-0.025	46.040	-0.029	46.055	-0.027
40.460	-0.010	40.483	0.002	40.513	0.012	40.535	0.022	46.078	-0.025	46.110	-0.019	46.138	-0.017	46.171	-0.013
40.563	0.020	40.587	0.018	40.609	0.022	40.628	0.030	46.198	-0.009	46.225	-0.008	46.255	-0.004	46.293	-0.002
40.652	0.036	40.663	0.044	40.680	0.050	40.695	0.054	46.325	0.004	46.355	0.012	46.384	0.018	46.407	0.026
40.715	0.054	40.749	0.048	40.777	0.044	40.807	0.036	46.431	0.028	46.464	0.028	46.506	0.026	46.544	0.026
40.836	0.026	40.870	0.018	40.906	0.006	40.933	-0.010	46.570	0.016	46.604	0.010	46.643	0.004	46.669	-0.008
40.957	-0.022	40.977	-0.028	41.013	-0.030	41.033	-0.038	46.697	-0.016	46.718	-0.020	46.743	-0.030	46.775	-0.044
41.065	-0.054	41.085	-0.062	41.106	-0.066	41.133	-0.061	46.802	-0.052	46.827	-0.060	46.854	-0.064	46.889	-0.063
41.160	-0.059	41.193	-0.047	41.231	-0.033	41.259	-0.021	46.921	-0.061	46.957	-0.057	46.983	-0.057	47.007	-0.051
41.276	-0.010	41.292	0.002	41.311	0.011	41.331	0.011	47.033	-0.045	47.059	-0.039	47.087	-0.033	47.108	-0.025
41.350	0.005	41.377	-0.001	41.395	-0.001	41.424	0.005	47.133	-0.016	47.156	-0.008	47.181	-0.002	47.203	0.000
41.447	0.014	41.467	0.016	41.493	0.022	41.516	0.024	47.232	0.006	47.256	0.010	47.277	0.014	47.297	0.014
41.538	0.024	41.558	0.028	41.579	0.031	41.607	0.031	47.327	0.008	47.354	0.007	47.378	0.003	47.400	0.005
41.633	0.033	41.683	0.034	41.705	0.024	41.738	0.008	47.431	0.007	47.453	0.005	47.479	0.003	47.507	-0.001
41.771	-0.003	41.797	-0.017	41.823	-0.031	41.844	-0.036	47.534	-0.011	47.562	-0.015	47.581	-0.016	47.604	-0.010
41.874	-0.040	41.897	-0.042	41.924	-0.052	41.954	-0.064	47.635	-0.008	47.670	-0.008	47.698	-0.004	47.730	-0.005
41.975	-0.071	41.994	-0.075	42.027	-0.075	42.063	-0.077	47.751	-0.005	47.768	-0.013	47.791	-0.021	47.821	-0.033
42.111	-0.077	42.152	-0.077	42.186	-0.077	42.211	-0.069	47.841	-0.033	47.864	-0.037	47.889	-0.041	47.915	-0.041
42.247	-0.057	42.296	-0.039	42.338	-0.019	42.375	-0.001	47.948	-0.031	47.973	-0.031	47.986	-0.031	48.001	-0.025
42.408	0.011	42.439	0.021	42.461	0.027	42.494	0.035	48.027	-0.021	48.073	-0.021	48.128	-0.017	48.174	-0.017
42.527	0.038	42.555	0.042	42.577	0.036	42.605	0.034	48.208	-0.017	48.233	-0.009	48.260	-0.003	48.291	-0.003
42.628	0.034	42.655	0.040	42.682	0.042	42.707	0.038	48.323	0.003	48.353	0.009	48.390	0.015	48.420	0.021
42.746	0.018	42.783	0.006	42.855	0.006	42.894	-0.002	48.459	0.026	48.493	0.034	48.520	0.038	48.549	0.048
42.933	-0.006	42.992	-0.022	43.032	-0.028	43.078	-0.031	48.583	0.048	48.604	0.046	48.618	0.046	48.655	0.040
43.130	-0.033	43.147	-0.036	43.170	-0.040	43.187	-0.039	48.691	0.034	48.727	0.032	48.750	0.028	48.781	0.018
43.211	-0.041	43.234	-0.036	43.257	-0.032	43.279	-0.028	48.798	0.018	48.817	0.022	48.839	0.026	48.859	0.030
43.301	-0.025	43.321	-0.021	43.343	-0.019	43.362	-0.010	48.880	0.030	48.898	0.030	48.921	0.032	48.937	0.026
43.386	-0.006	43.404	0.000	43.423	0.007	43.442	0.015	48.959	0.026	48.973	0.024	48.987	0.020	49.009	0.018
43.461	0.022	43.479	0.034	43.497	0.042	43.520	0.053	49.024	0.020	49.036	0.022	49.056	0.026	49.079	0.027
43.544	0.065	43.560	0.073	43.575	0.078	43.596	0.078	49.100	0.029	49.119	0.025	49.132	0.023	49.163	0.017
43.609	0.082	43.631	0.077	43.649	0.065	43.671	0.059	49.189	0.017	49.211	0.015	49.245	0.013	49.276	0.009
43.690	0.057	43.711	0.059	43.735	0.067	43.760	0.071	49.296	0.007	49.320	0.007	49.338	0.005	49.363	0.009
43.775	0.075	43.795	0.079	43.814	0.081	43.827	0.078	49.380	0.011	49.410	0.008	49.427	0.008	49.445	0.010
43.845	0.072	43.869	0.084	43.887	0.058	43.909	0.056	49.462	0.016	49.484	0.016	49.504	0.020	49.520	0.020
43.925	0.052	43.942	0.046	43.962	0.038	43.977	0.028	49.543	0.019	49.567	0.019	49.583	0.021	49.602	0.023
44.001	0.020	44.015	0.009	44.038	0.005	44.065	-0.003	49.629	0.025	49.655	0.027	49.675	0.026	49.692	0.030
44.086	-0.007	44.106	-0.009	44.125	-0.007	44.148	-0.003	49.710	0.030	49.731	0.030	49.753	0.028	49.779	0.024
44.169	-0.001	44.197	0.001	44.220	0.001	44.241	0.005	49.801	0.022	49.830	0.017	49.852	0.019	49.866	0.017
44.262	0.011	44.282	0.017	44.302	0.023	44.322	0.027	49.887	0.023	49.910	0.027	49.935	0.029	49.960	0.029
44.339	0.033	44.358	0.035	44.375	0.035	44.395	0.036	49.999	0.029	50.028	0.027	50.056	0.024	50.090	0.024
44.411	0.038	44.429	0.044	44.453	0.050	44.474	0.054	50.110	0.028	50.125	0.028	50.146	0.032	50.166	0.034
44.491	0.057	44.513	0.053	44.536	0.049	44.560	0.045	50.184	0.032	50.207	0.030	50.236	0.030	50.266	0.026
44.583	0.041	44.604	0.039	44.625	0.032	44.646	0.030	50.291	0.023	50.309	0.023	50.328	0.023	50.349	0.025
44.662	0.034	44.684	0.036	44.704	0.034	44.727	0.028	50.365	0.025	50.389	0.019	50.419	0.013	50.445	0.009
44.750	0.020	44.770	0.011	44.791	0.005	44.809	0.005	50.465	0.009	50.496	0.011	50.519	0.013	50.541	0.009
44.833	0.003	44.854	-0.001	44.879	-0.004	44.897	-0.006	50.563	0.005	50.581	0.005	50.601	0.003	50.627	-0.003
44.926	-0.010	44.944	-0.012	44.968	-0.012	44.986	-0.014	50.647	-0.003	50.669	-0.001	50.692	0.005	50.713	0.011
45.001	-0.012	45.021	-0.008	45.039	-0.008	45.059	-0.006	50.725	0.015	50.747	0.011	50.769	0.003	50.792	0.001
45.092	-0.005	45.139	0.001	45.175	0.005	45.209	0.007	50.812	0.002	50.833	-0.000	50.851	-0.000	50.868	-0.004
45.235	0.007	45.275	0.011	45.312	0.014	45.340	0.014	50.892	-0.008	50.913	-0.006	50.933	-0.008	50.957	-0.005
45.368	0.012	45.395	0.012	45.429	0.016	45.455	0.024	50.978	-0.003	51.004	0.003	51.029	0.007	51.048	0.009
45.477	0.027	45.504	0.025	45.539	0.027	45.561	0.029	51.070	0.011	51.095	0.017	51.118	0.026	51.142	0.030

51.161	0.030	51.190	0.030	51.226	0.026	51.251	0.018	56.995	-0.028	57.014	-0.028	57.035	-0.028	57.053	-0.032
51.287	0.011	51.316	0.005	51.340	-0.001	51.365	-0.003	57.071	-0.034	57.098	-0.036	57.112	-0.038	57.129	-0.034
51.383	0.003	51.413	0.003	51.441	0.007	51.464	0.011	57.148	-0.030	57.165	-0.030	57.188	-0.031	57.209	-0.031
51.490	0.015	51.520	0.019	51.544	0.024	51.568	0.022	57.237	-0.031	57.265	-0.031	57.296	-0.031	57.329	-0.031
51.600	0.016	51.634	0.012	51.661	0.010	51.685	0.008	57.359	-0.033	57.389	-0.033	57.413	-0.037	57.438	-0.038
51.715	0.008	51.744	0.008	51.767	0.002	51.790	-0.004	57.458	-0.040	57.476	-0.040	57.500	-0.038	57.520	-0.036
51.809	-0.006	51.825	-0.006	51.845	-0.004	51.864	0.000	57.546	-0.032	57.568	-0.026	57.595	-0.020	57.615	-0.018
51.883	-0.002	51.901	0.000	51.921	-0.002	51.951	-0.008	57.639	-0.016	57.660	-0.015	57.681	-0.017	57.705	-0.019
51.979	-0.008	52.013	-0.010	52.037	-0.014	52.054	-0.019	57.737	-0.019	57.756	-0.019	57.785	-0.013	57.810	-0.011
52.069	-0.023	52.087	-0.027	52.109	-0.033	52.136	-0.037	57.834	-0.009	57.863	-0.001	57.896	-0.001	57.924	-0.001
52.162	-0.037	52.186	-0.037	52.217	-0.037	52.247	-0.037	57.949	-0.001	57.975	-0.003	58.002	-0.003	58.025	-0.003
52.300	-0.036	52.351	-0.034	52.378	-0.034	52.414	-0.032	58.049	-0.005	58.072	-0.003	58.101	-0.007	58.120	-0.006
52.454	-0.030	52.484	-0.030	52.517	-0.036	52.547	-0.036	58.149	-0.002	58.180	-0.000	58.204	0.002	58.228	0.006
52.581	-0.034	52.610	-0.030	52.644	-0.030	52.676	-0.030	58.259	0.010	58.281	0.016	58.304	0.020	58.326	0.026
52.709	-0.028	52.745	-0.026	52.786	-0.024	52.816	-0.024	58.344	0.032	58.374	0.036	58.405	0.038	58.427	0.038
52.856	-0.028	52.894	-0.036	52.924	-0.042	52.948	-0.040	58.456	0.038	58.481	0.038	58.506	0.038	58.531	0.034
52.975	-0.038	53.001	-0.032	53.022	-0.028	53.045	-0.028	58.552	0.036	58.580	0.038	58.599	0.042	58.623	0.044
53.082	-0.036	53.112	-0.038	53.146	-0.040	53.183	-0.038	58.641	0.048	58.669	0.050	58.687	0.050	58.710	0.052
53.217	-0.034	53.256	-0.028	53.298	-0.022	53.334	-0.018	58.730	0.056	58.749	0.058	58.775	0.060	58.796	0.060
53.373	-0.010	53.403	-0.004	53.432	0.004	53.453	0.012	58.813	0.056	58.833	0.052	58.852	0.050	58.867	0.050
53.473	0.012	53.521	0.006	53.558	0.008	53.600	0.008	58.885	0.048	58.900	0.050	58.915	0.048	58.928	0.048
53.634	0.010	53.659	0.016	53.715	0.016	53.770	0.016	58.943	0.048	58.957	0.050	58.976	0.054	58.995	0.054
53.845	0.016	53.880	0.012	53.893	0.014	53.941	0.020	59.013	0.056	59.031	0.056	59.046	0.058	59.060	0.058
53.991	0.024	54.066	0.028	54.153	0.038	54.171	0.038	59.074	0.060	59.091	0.062	59.105	0.062	59.118	0.062
*54.209	0.042	54.239	0.046	54.263	0.052	54.284	0.057	59.132	0.062	59.146	0.060	59.158	0.056	59.170	0.056
54.305	0.061	54.330	0.063	54.355	0.067	54.379	0.071	59.186	0.062	59.210	0.050	59.233	0.048	59.254	0.046
54.407	0.072	54.426	0.078	54.450	0.078	54.468	0.082	59.275	0.040	59.297	0.036	59.316	0.032	59.343	0.028
54.489	0.086	54.512	0.091	54.531	0.095	54.554	0.079	59.364	0.026	59.389	0.024	59.413	0.022	59.436	0.020
54.664	0.066	54.680	0.062	54.701	0.058	54.718	0.052	59.455	0.016	59.477	0.014	59.498	0.012	59.521	0.010
54.732	0.058	54.752	0.054	54.786	0.062	54.810	0.054	59.547	0.007	59.575	0.005	59.604	0.005	59.623	0.003
54.841	0.055	54.866	0.055	54.892	0.053	54.915	0.049	59.649	0.001	59.683	-0.007	59.712	-0.009	59.738	-0.011
54.938	0.045	54.953	0.043	54.976	0.043	54.998	0.044	59.765	-0.013	59.791	-0.013	59.817	-0.013	59.847	-0.013
55.019	0.044	55.040	0.042	55.062	0.040	55.079	0.036	59.864	-0.011	59.893	-0.011	59.917	-0.011	59.945	-0.009
55.102	0.032	55.124	0.030	55.150	0.026	55.177	0.022	59.972	-0.009	59.995	-0.007	60.016	-0.006	60.037	-0.006
55.196	0.018	55.220	0.019	55.242	0.017	55.261	0.019	60.057	-0.004	60.080	-0.004	60.099	0.000	60.115	0.000
55.281	0.021	55.301	0.019	55.322	0.019	55.346	0.019	60.134	0.000	60.157	0.000	60.183	-0.001	60.210	-0.001
55.369	0.017	55.390	0.019	55.413	0.017	55.431	0.017	60.233	-0.001	60.256	-0.001	60.278	-0.001	60.301	-0.001
55.454	0.014	55.477	0.010	55.498	0.004	55.516	0.004	60.324	-0.001	60.344	0.001	60.367	-0.001	60.389	-0.001
55.536	0.006	55.557	0.006	55.580	0.006	55.604	0.004	60.421	-0.001	60.445	-0.003	60.471	-0.008	60.507	-0.008
55.625	0.002	55.650	0.002	55.668	0.002	55.693	0.002	60.538	-0.010	60.561	-0.014	60.583	-0.018	60.609	-0.020
55.712	0.006	55.730	0.004	55.753	-0.000	55.777	-0.006	60.634	-0.015	60.660	-0.015	60.682	-0.013	60.705	-0.011
55.795	-0.006	55.817	-0.006	55.834	-0.010	55.853	-0.014	60.726	-0.009	60.741	-0.003	60.758	-0.001	60.779	0.000
55.868	-0.010	55.883	-0.014	55.902	-0.016	55.923	-0.020	60.803	0.005	60.819	0.008	60.833	0.006	60.853	0.006
55.947	-0.024	55.971	-0.026	55.994	-0.031	56.014	-0.027	60.874	0.002	60.900	0.002	60.921	0.000	60.948	-0.005
56.034	-0.029	56.048	-0.025	56.069	-0.025	56.094	-0.031	60.974	-0.005	60.998	-0.005	61.026	-0.005	61.046	-0.005
56.126	-0.023	56.149	-0.031	56.178	-0.031	56.209	-0.031	61.070	-0.003	61.091	-0.005	61.108	-0.007	61.126	-0.008
56.233	-0.033	56.253	-0.034	56.283	-0.028	56.310	-0.022	61.145	-0.008	61.159	-0.002	61.187	-0.004	61.210	0.002
56.335	-0.016	56.357	-0.012	56.380	-0.012	56.401	-0.010	61.229	-0.000	61.246	-0.004	61.267	-0.004	61.286	-0.002
56.424	-0.010	56.445	-0.006	56.469	-0.004	56.494	-0.002	61.311	0.002	61.331	0.006	61.355	0.010	61.374	0.012
56.515	-0.000	56.539	-0.000	56.558	-0.000	56.582	-0.006	61.395	0.016	61.414	0.018	61.429	0.020	61.446	0.018
56.606	-0.008	56.618	-0.010	56.646	-0.009	56.673	-0.009	61.462	0.016	61.486	0.016	61.512	0.016	61.537	0.016
56.692	-0.013	56.709	-0.017	56.727	-0.019	56.745	-0.027	61.568	0.020	61.591	0.020	61.613	0.016	61.633	0.016
56.764	-0.031	56.782	-0.033	56.797	-0.035	56.819	-0.035	61.654	0.014	61.679	0.012	61.704	0.010	61.721	0.008
56.835	-0.035	56.848	-0.033	56.865	-0.031	56.886	-0.031	61.654	0.014	61.679	0.012	61.704	0.010	61.721	0.008
56.909	-0.031	56.938	-0.028	56.958	-0.032	56.979	-0.030	61.818	0.012	61.841	0.012	61.857	0.013	61.880	0.013
								61.895	0.009	61.917	0.007	61.941	0.005	61.963	0.003

61.982	0.003	61.998	0.003	62.015	0.001	62.033	0.003	67.847	-0.008	67.871	-0.008	67.887	-0.008	67.908	-0.010
62.049	0.005	62.064	0.005	62.082	0.005	62.102	0.007	67.932	-0.006	67.954	-0.006	67.972	-0.004	67.990	-0.007
62.123	0.010	62.145	0.010	62.165	0.010	62.180	0.008	68.013	-0.009	68.037	-0.011	68.057	-0.011	68.080	-0.007
62.198	0.008	62.223	0.008	62.249	0.010	62.270	0.010	68.101	-0.003	68.124	-0.005	68.140	-0.004	68.154	-0.006
62.296	0.010	62.309	0.010	62.346	0.012	62.369	0.006	68.169	-0.006	68.187	-0.004	68.202	-0.006	68.226	-0.008
62.395	0.002	62.419	0.002	62.440	0.004	62.469	0.006	68.246	-0.009	68.265	-0.007	68.281	-0.003	68.302	-0.003
62.489	-0.000	62.513	0.002	62.544	-0.000	62.569	-0.002	68.318	0.001	68.338	0.003	68.354	0.007	68.374	0.009
62.598	-0.006	62.622	-0.007	62.652	-0.011	62.674	-0.011	68.394	0.009	68.413	0.010	68.437	0.010	68.457	0.014
62.700	-0.009	62.735	-0.007	62.768	-0.009	62.802	-0.008	68.484	0.016	68.505	0.020	68.522	0.024	68.541	0.026
62.839	-0.010	62.870	-0.010	62.905	-0.014	62.930	-0.022	68.560	0.030	68.582	0.034	68.603	0.038	68.624	0.040
62.952	-0.021	62.979	-0.021	63.013	-0.025	63.037	-0.025	68.642	0.038	68.661	0.036	68.680	0.038	68.699	0.040
63.064	-0.023	63.087	-0.021	63.112	-0.021	63.132	-0.025	68.720	0.044	68.735	0.046	68.761	0.042	68.788	0.046
63.154	-0.026	63.185	-0.026	63.212	-0.026	63.234	-0.026	68.820	0.046	68.842	0.048	68.865	0.046	68.883	0.048
63.260	-0.024	63.283	-0.022	63.302	-0.018	63.324	-0.014	68.910	0.044	68.929	0.040	68.955	0.038	68.979	0.036
63.346	-0.010	63.363	-0.008	63.390	-0.010	63.416	-0.010	69.001	0.038	69.022	0.040	69.038	0.036	69.059	0.032
63.444	-0.006	63.463	-0.004	63.489	0.002	63.514	0.005	69.085	0.030	69.109	0.032	69.143	0.032	69.179	0.042
63.542	0.003	63.572	0.003	63.598	0.001	63.632	0.003	69.199	0.034	69.225	0.028	69.248	0.026	69.274	0.024
63.664	0.003	63.695	0.007	63.726	0.009	63.755	0.011	69.302	0.022	69.326	0.020	69.363	0.018	69.393	0.014
63.784	0.015	63.813	0.021	63.836	0.022	63.858	0.022	69.421	0.012	69.446	0.004	69.468	0.002	69.499	0.006
63.888	0.022	63.920	0.024	63.957	0.028	63.987	0.028	69.528	0.014	69.552	0.018	69.586	0.016	69.629	0.014
64.021	0.036	64.050	0.040	64.079	0.040	64.118	0.040	69.656	0.008	69.699	0.002	69.722	0.008	69.747	0.010
64.150	0.042	64.186	0.039	64.217	0.039	64.249	0.029	69.776	0.010	69.815	0.008	69.842	0.005	69.863	0.005
64.279	0.027	64.315	0.027	64.342	0.027	64.374	0.019	69.894	0.007	69.927	0.005	69.973	0.001	70.028	0.000
64.404	0.017	64.456	0.018	64.490	0.018	64.525	0.020	70.082	0.008	70.100	0.002	70.120	0.002	70.141	0.004
64.567	0.014	64.613	0.012	64.651	0.010	64.687	0.012	70.165	0.006	70.189	-0.006				
64.723	0.012	64.751	0.014	64.778	0.016	64.804	0.016								
64.834	0.020	64.886	0.020	64.921	0.020	64.955	0.018								
64.988	0.022	65.021	0.022	65.058	0.023	65.099	0.029								
65.110	0.033	65.119	0.029	65.162	0.029	65.201	0.022								
65.231	0.024	65.252	0.022	65.279	0.020	65.303	0.018								
65.328	0.018	65.350	0.018	65.371	0.017	65.390	0.019								
65.416	0.019	65.445	0.019	65.464	0.019	65.485	0.019								
65.513	0.019	65.535	0.016	65.557	0.012	65.581	0.006								
65.602	-0.002	65.624	-0.006	65.649	-0.004	65.673	-0.003								
65.701	-0.001	65.722	0.003	65.745	0.003	65.772	0.000								
65.800	0.002	65.823	0.004	65.846	0.004	65.884	0.003								
65.922	-0.001	65.939	-0.001	65.962	0.001	65.990	0.001								
66.027	0.001	66.059	0.000	66.079	0.000	66.104	0.003								
66.131	0.011	66.154	0.015	66.182	0.015	66.215	0.015								
66.259	0.013	66.298	0.015	66.318	0.017	66.343	0.019								
66.381	0.019	66.417	0.019	66.437	0.021	66.461	0.021								
66.482	0.019	66.505	0.021	66.526	0.019	66.548	0.015								
66.570	0.013	66.588	0.013	66.611	0.013	66.637	0.013								
66.666	0.010	66.690	0.008	66.714	0.008	66.732	0.006								
66.756	0.012	66.776	0.012	66.795	0.014	66.810	0.015								
66.834	0.017	66.861	0.019	66.882	0.019	66.906	0.021								
66.934	0.021	66.962	0.022	66.995	0.022	67.013	0.018								
67.044	0.018	67.073	0.018	67.101	0.014	67.128	0.012								
67.152	0.008	67.182	0.006	67.207	0.004	67.233	0.004								
67.258	0.004	67.277	-0.000	67.297	-0.004	67.314	-0.001								
67.332	0.001	67.350	-0.001	67.374	-0.003	67.398	-0.003								
67.417	-0.003	67.438	-0.007	67.461	-0.009	67.478	-0.009								
67.499	-0.015	67.520	-0.018	67.542	-0.020	67.558	-0.020								
67.574	-0.014	67.592	-0.012	67.612	-0.010	67.629	-0.010								
67.663	-0.010	67.697	-0.011	67.719	-0.013	67.742	-0.015								
67.759	-0.013	67.786	-0.013	67.804	-0.011	67.827	-0.010								



71.119 2/9/71 0600 PST PALOS VERDES EST. 2516 VIA TEJON S25E

3390 POINTS 70.197 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0571 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.062	0.015	-0.062	0.023	-0.056	0.034	-0.064	2.311	0.080	2.324	0.064	2.339	0.024	2.351	-0.022
0.046	-0.085	0.056	-0.119	0.065	-0.143	0.073	-0.145	2.364	-0.040	2.375	-0.048	2.390	-0.034	2.405	0.002
0.085	-0.131	0.095	-0.109	0.110	-0.059	0.131	-0.013	2.420	0.014	2.433	0.018	2.449	0.008	2.459	0.004
0.145	0.027	0.156	0.049	0.165	0.054	0.171	0.048	2.472	0.032	2.487	0.071	2.497	0.091	2.508	0.101
0.181	0.038	0.188	0.028	0.196	0.022	0.205	0.034	2.519	0.087	2.532	0.034	2.542	-0.030	2.552	-0.084
0.219	0.062	0.227	0.082	0.239	0.088	0.243	0.072	2.562	-0.111	2.568	-0.111	2.583	-0.076	2.569	-0.036
0.260	0.017	0.272	-0.057	0.283	-0.096	0.287	-0.110	2.608	0.002	2.623	0.032	2.642	0.058	2.662	0.071
0.296	-0.096	0.311	-0.059	0.320	-0.033	0.330	-0.021	2.668	0.085	2.679	0.111	2.694	0.143	2.707	0.156
0.345	-0.023	0.369	-0.019	0.384	-0.001	0.402	0.040	2.720	0.156	2.730	0.136	2.738	0.111	2.754	0.099
0.422	0.052	0.435	0.054	0.443	0.032	0.459	0.030	2.771	0.094	2.783	0.084	2.794	0.055	2.805	0.019
0.478	-0.105	0.478	-0.135	0.499	-0.139	0.511	-0.125	2.820	-0.033	2.838	-0.117	2.854	-0.152	2.873	-0.174
0.538	-0.070	0.553	-0.020	0.575	0.031	0.599	0.097	2.884	0.149	2.902	-0.095	2.914	0.002	2.930	0.084
0.614	0.142	0.629	0.160	0.645	0.166	0.659	0.142	2.936	0.111	2.956	0.143	2.973	0.156	2.987	0.126
0.673	0.098	0.698	0.007	0.704	-0.083	0.722	-0.126	3.007	0.057	3.020	-0.025	3.030	-0.107	3.050	-0.181
0.733	-0.148	0.752	-0.146	0.779	-0.085	0.806	-0.017	3.059	-0.213	3.069	-0.245	3.077	-0.263	3.086	-0.251
0.821	0.034	0.836	0.050	0.851	0.044	0.868	0.030	3.093	-0.215	3.104	-0.130	3.113	-0.064	3.125	-0.011
0.882	0.018	0.902	0.024	0.921	0.04C	0.935	0.034	3.135	-0.015	3.150	0.002	3.164	-0.038	3.176	-0.089
0.955	0.024	0.978	0.018	0.993	0.051	1.008	0.125	3.191	-0.183	3.203	-0.171	3.210	-0.191	3.220	-0.197
1.021	0.162	1.032	0.184	1.052	0.174	1.078	0.160	3.233	-0.184	3.251	-0.126	3.271	-0.045	3.275	-0.007
1.099	0.142	1.124	0.116	1.147	0.090	1.170	0.066	3.282	0.018	3.292	0.028	3.303	0.032	3.312	0.030
1.185	0.008	1.197	0.016	1.215	0.050	1.224	0.060	3.327	0.024	3.343	0.029	3.360	0.039	3.383	0.039
1.236	-0.046	1.253	-0.004	1.271	-0.036	1.290	-0.106	3.395	0.035	3.403	0.017	3.421	-0.011	3.439	-0.027
1.306	-0.166	1.316	-0.184	1.330	-0.202	1.348	-0.168	3.452	-0.017	3.468	0.002	3.478	0.010	3.491	0.004
1.361	-0.109	1.375	-0.069	1.396	-0.035	1.417	0.024	3.504	0.010	3.519	0.042	3.530	0.092	3.544	0.135
1.429	-0.058	1.443	-0.079												

4.393	-0.050	4.405	0.001	4.423	0.055	4.437	0.122	7.832	0.055	7.846	0.057	7.863	0.061	7.877	0.081
4.450	0.182	4.465	0.218	4.474	0.226	4.484	0.218	7.891	0.100	7.905	0.104	7.924	0.090	7.946	0.073
4.501	0.184	4.513	0.120	4.522	0.027	4.540	-0.068	7.967	-0.037	7.978	-0.065	7.989	-0.081	8.006	-0.079
4.551	-0.152	4.566	-0.204	4.578	-0.251	4.597	-0.214	8.020	-0.071	8.034	-0.077	8.055	-0.083	8.069	-0.053
4.609	0.140	4.627	-0.066	4.644	-0.019	4.665	0.033	8.086	-0.014	8.102	0.004	8.116	-0.004	8.139	-0.008
4.693	0.077	4.715	0.091	4.721	0.106	4.742	0.134	8.161	-0.028	8.193	-0.032	8.219	-0.032	8.229	-0.020
4.760	0.160	4.779	0.166	4.800	0.158	4.815	0.156	8.249	0.009	8.264	0.025	8.278	0.021	8.298	-0.001
4.847	0.142	4.866	0.087	4.887	0.039	4.900	-0.007	8.322	-0.029	8.337	-0.045	8.345	-0.059	8.363	-0.053
4.910	-0.066	4.925	-0.130	4.935	-0.159	4.954	-0.163	8.383	-0.047	8.397	-0.071	8.411	-0.081	8.422	-0.087
4.971	-0.149	4.983	-0.159	4.996	-0.183	5.014	-0.145	8.436	-0.065	8.460	-0.021	8.476	0.022	8.490	0.036
5.036	-0.088	5.053	-0.052	5.063	-0.034	5.078	0.044	8.500	0.046	8.515	0.026	8.535	-0.015	8.546	-0.045
5.095	-0.040	5.123	-0.022	5.147	-0.002	5.163	0.004	8.559	-0.063	8.571	-0.073	8.583	-0.047	8.597	-0.015
5.178	-0.028	5.197	-0.072	5.211	-0.106	5.222	-0.116	8.610	-0.033	8.625	-0.025	8.641	-0.033	8.662	-0.037
5.243	-0.082	5.268	-0.048	5.288	-0.030	5.277	-0.026	8.688	-0.003	8.707	-0.049	8.720	-0.065	8.734	-0.059
5.287	-0.054	5.300	-0.066	5.310	-0.086	5.328	-0.082	8.750	-0.027	8.765	0.030	8.778	0.070	8.792	0.102
5.346	-0.090	5.361	-0.114	5.377	-0.124	5.389	-0.096	8.804	0.106	8.816	0.078	8.834	0.032	8.852	-0.053
5.406	0.004	5.420	0.111	5.432	0.248	5.445	0.337	8.865	-0.119	8.872	-0.145	8.885	-0.177	8.914	-0.197
5.454	0.391	5.463	0.417	5.473	0.429	5.488	0.405	8.934	-0.193	8.947	-0.161	8.958	-0.110	8.973	-0.094
5.503	0.345	5.515	0.286	5.526	0.218	5.534	0.186	8.991	-0.037	9.012	0.092	9.025	0.140	9.032	0.165
5.555	0.170	5.569	0.190	5.585	0.200	5.605	0.182	9.041	0.181	9.055	0.171	9.067	0.145	9.082	0.115
5.622	0.126	5.640	0.063	5.653	0.001	5.665	-0.067	9.094	0.095	9.106	0.097	9.129	0.120	9.150	0.150
5.675	-0.130	5.684	-0.182	5.694	-0.220	5.707	-0.234	9.170	0.169	9.190	0.159	9.213	0.131	9.233	0.099
5.717	-0.210	5.733	-0.146	5.751	-0.057	5.768	0.006	9.261	0.039	9.277	0.001	9.293	-0.067	9.311	-0.112
5.777	0.054	5.790	0.080	5.813	0.111	5.831	0.127	9.329	-0.154	9.347	-0.188	9.362	-0.186	9.389	-0.177
5.849	0.129	5.863	0.097	5.877	0.039	5.891	-0.036	9.409	-0.185	9.427	-0.187	9.451	-0.167	9.466	-0.107
5.901	-0.110	5.915	-0.157	5.930	-0.185	5.939	-0.185	9.483	-0.052	9.498	-0.014	9.510	0.069	9.523	0.111
5.958	-0.134	5.978	-0.072	5.991	-0.027	6.005	-0.017	9.532	0.135	9.544	0.149	9.561	0.155	9.580	0.151
6.014	-0.025	6.027	-0.059	6.050	-0.124	6.068	-0.146	9.598	0.125	9.614	0.107	9.629	0.087	9.640	0.081
6.077	-0.146	6.093	-0.099	6.106	-0.035	6.120	0.014	9.660	0.077	9.679	0.063	9.697	0.039	9.711	0.006
6.132	0.046	6.150	0.068	6.170	0.058	6.180	0.042	9.727	-0.040	9.739	-0.068	9.749	-0.082	9.759	-0.088
6.251	-0.075	6.261	-0.051	6.275	-0.032	6.242	-0.063	9.776	-0.072	9.795	-0.054	9.811	-0.050	9.832	-0.048
6.305	0.014	6.321	0.004	6.336	0.018	6.348	0.018	9.847	-0.032	9.863	-0.013	9.875	-0.005	9.892	-0.023
6.360	0.016	6.381	0.008	6.394	0.036	6.410	0.046	9.915	-0.045	9.940	-0.086	9.957	-0.114	9.968	-0.124
6.427	0.044	6.448	0.044	6.469	0.044	6.479	0.046	9.982	-0.122	9.999	-0.102	10.015	-0.083	10.033	-0.061
6.496	0.080	6.520	0.116	6.535	0.142	6.553	0.154	10.050	-0.049	10.061	-0.015	10.072	0.007	10.084	0.052
6.572	0.156	6.593	0.150	6.596	0.128	6.610	0.107	10.094	0.076	10.113	0.102	10.141	0.127	10.162	0.143
6.623	0.073	6.641	0.061	6.656	0.045	6.675	0.025	10.189	0.153	10.210	0.117	10.235	0.073	10.250	0.041
6.691	-0.018	6.711	-0.088	6.729	-0.137	6.741	-0.163	10.260	0.029	10.280	0.047	10.302	0.061	10.320	0.053
6.753	-0.149	6.772	-0.125	6.808	-0.081	6.843	-0.035	10.334	0.031	10.348	0.007	10.366	-0.011	10.378	-0.027
6.859	-0.005	6.875	0.009	6.896	0.003	6.908	-0.011	10.391	-0.069	10.402	-0.094	10.413	-0.122	10.425	-0.144
6.920	-0.031	6.932	-0.028	6.943	0.001	6.959	0.031	10.436	-0.151	10.452	-0.121	10.472	-0.064	10.484	-0.026
6.973	0.077	6.986	0.097	7.006	0.107	7.028	0.105	10.503	0.006	10.520	0.017	10.538	0.020	10.552	-0.013
7.049	0.091	7.070	0.066	7.085	0.034	7.101	0.014	10.574	-0.034	10.589	-0.040	10.606	-0.020	10.620	0.002
7.118	-0.004	7.125	0.004	7.147	0.051	7.168	0.087	10.631	0.008	10.651	-0.005	10.669	-0.027	10.690	-0.035
7.177	0.105	7.192	0.111	7.221	0.099	7.234	0.045	10.710	-0.031	10.727	-0.049	10.748	-0.062	10.768	-0.068
7.249	-0.010	7.261	-0.088	7.276	-0.167	7.285	-0.215	10.790	-0.046	10.805	-0.054	10.824	-0.068	10.846	-0.070
7.300	-0.259	7.318	-0.293	7.333	-0.305	7.347	-0.277	10.868	-0.044	10.887	-0.010	10.907	0.031	10.923	0.049
7.359	-0.230	7.378	-0.203	7.406	0.034	7.417	0.086	10.932	0.041	10.947	0.029	10.961	0.021	10.978	0.036
7.432	0.135	7.448	0.157	7.461	0.135	7.474	0.109	10.997	0.045	11.009	0.015	11.020	0.007	11.031	-0.003
7.494	-0.004	7.503	-0.040	7.521	-0.060	7.536	-0.074	11.044	0.006	11.049	0.020	11.057	0.032	11.065	0.050
7.548	0.078	7.556	-0.090	7.568	-0.112	7.583	-0.116	11.073	0.065	11.076	0.075	11.097	0.096	11.117	0.122
7.601	-0.078	7.624	-0.015	7.648	0.100	7.674	0.214	11.132	0.168	11.145	0.188	11.154	0.196	11.169	0.170
7.683	0.253	7.692	0.277	7.708	0.285	7.721	0.257	11.191	0.099	11.208	0.043	11.227	-0.034	11.243	-0.070
7.734	0.214	7.745	0.170	7.759	0.085	7.769	0.039	11.254	-0.094	11.267	-0.108	11.280	-0.106	11.299	-0.080
7.782	0.007	7.790	0.005	7.807	0.017	7.819	0.037	11.327	-0.026	11.346	-0.009	11.359	0.025	11.368	0.017
								11.394	-0.027	11.417	-0.070	11.433	-0.086	11.465	-0.082

11.480	-0.094	11.504	-0.122	11.531	-0.166	11.546	-0.178	15.686	-0.007	15.710	0.007	15.733	0.027	15.748	0.031
11.557	-0.186	11.581	-0.148	11.605	-0.107	11.624	-0.081	15.760	-0.018	15.775	-0.002	15.793	-0.016	15.808	-0.004
11.647	-0.042	11.662	-0.020	11.674	-0.004	11.689	-0.002	15.832	0.010	15.842	0.010	15.855	0.002	15.876	-0.002
11.711	-0.008	11.733	-0.009	11.747	-0.017	11.763	-0.027	15.891	-0.010	15.913	-0.008	15.934	-0.017	15.952	-0.039
11.775	-0.021	11.793	-0.011	11.808	-0.005	11.821	-0.013	15.974	-0.073	15.991	-0.008	16.006	-0.091	16.026	-0.075
11.836	-0.027	11.848	-0.035	11.855	-0.033	11.878	-0.017	16.046	-0.051	16.059	-0.019	16.075	0.000	16.090	0.004
11.893	-0.003	11.910	-0.003	11.927	0.011	11.954	0.028	16.102	0.002	16.121	-0.016	16.155	-0.071	16.171	-0.091
11.930	0.040	11.991	-0.048	12.006	0.054	12.017	0.058	16.188	-0.090	16.204	-0.080	16.218	-0.062	16.247	-0.032
12.030	0.044	12.046	0.030	12.056	0.028	12.073	0.042	16.263	-0.028	16.277	-0.021	16.297	-0.019	16.313	-0.017
12.099	0.080	12.116	0.038	12.131	0.104	12.150	0.110	16.342	-0.029	16.359	-0.033	16.381	-0.033	16.398	-0.021
12.162	0.112	12.177	0.118	12.201	0.112	12.217	0.104	16.413	-0.008	16.423	-0.010	16.445	-0.010	16.458	-0.028
12.239	0.072	12.266	0.017	12.281	-0.007	12.310	0.009	16.477	-0.050	16.489	-0.040	16.516	0.009	16.536	0.043
12.336	-0.016	12.359	-0.040	12.382	-0.058	12.403	-0.070	16.556	0.071	16.574	0.084	16.586	0.096	16.605	0.106
12.419	-0.081	12.440	-0.111	12.458	-0.137	12.473	-0.144	16.614	0.104	16.637	0.090	16.673	0.022	16.704	0.052
12.485	-0.142	12.502	-0.130	12.538	-0.082	12.558	-0.066	16.733	0.028	16.749	0.014	16.767	0.022	16.797	0.037
12.571	-0.058	12.598	-0.052	12.623	-0.050	12.644	-0.040	16.818	0.043	16.843	0.051	16.869	0.033	16.883	0.027
12.663	-0.050	12.679	-0.055	12.690	-0.063	12.701	-0.053	16.906	0.011	16.934	0.011	16.959	0.005	16.996	-0.009
12.721	-0.029	12.748	-0.007	12.759	0.022	12.773	0.030	17.028	-0.017	17.053	-0.027	17.077	-0.037	17.101	-0.043
12.790	0.034	12.812	0.034	12.823	0.030	12.839	0.016	17.127	-0.069	17.155	-0.069	17.179	-0.077	17.206	-0.083
12.852	0.004	12.861	-0.006	12.875	-0.006	12.896	0.010	17.226	-0.079	17.254	-0.067	17.278	-0.060	17.301	-0.062
12.913	0.026	12.937	0.052	12.949	0.062	12.961	0.056	17.324	-0.066	17.342	-0.060	17.361	-0.044	17.389	0.003
12.978	0.049	12.991	0.051	13.015	0.073	13.041	0.099	17.408	0.031	17.423	0.049	17.437	0.063	17.453	0.074
13.053	0.109	13.070	0.111	13.082	0.103	13.097	0.081	17.472	0.076	17.491	0.068	17.513	0.044	17.539	0.028
13.124	0.021	13.150	-0.042	13.166	-0.068	13.179	-0.084	17.557	0.020	17.577	0.022	17.596	0.042	17.612	0.056
13.193	-0.082	13.214	-0.057	13.235	-0.031	13.252	-0.013	17.626	0.058	17.644	0.048	17.666	0.040	17.678	0.032
13.273	-0.005	13.288	0.004	13.304	0.010	13.320	0.002	17.699	0.034	17.713	0.035	17.730	0.045	17.746	0.055
13.338	-0.008	13.358	-0.024	13.376	-0.036	13.390	-0.044	17.764	0.067	17.782	0.081	17.795	0.083	17.808	0.079
13.402	-0.036	13.428	0.015	13.443	0.049	13.456	0.057	17.820	0.069	17.843	0.045	17.863	0.031	17.882	0.025
13.471	0.057	13.489	0.047	13.502	0.021	13.528	-0.031	17.897	0.017	17.911	-0.001	17.936	-0.025	17.957	-0.029
13.541	-0.053	13.555	-0.065	13.581	-0.065	13.599	-0.063	17.978	-0.033	17.997	-0.045	18.015	-0.053	18.032	-0.057
13.614	-0.059	13.629	-0.029	13.651	0.013	13.668	0.034	18.050	-0.069	18.065	-0.081	18.082	-0.089	18.103	-0.094
13.683	0.054	13.697	0.062	13.707	0.064	13.719	0.058	18.123	-0.092	18.145	-0.078	18.184	-0.025	18.201	-0.009
13.740	0.032	13.757	0.007	13.767	-0.003	13.780	-0.009	18.216	-0.003	18.249	-0.005	18.270	-0.019	18.303	-0.055
13.803	-0.005	13.821	-0.005	13.841	-0.017	13.866	-0.027	18.331	-0.075	18.343	-0.085	18.361	-0.087	18.375	-0.075
13.882	-0.035	13.895	-0.023	13.915	-0.011	13.934	0.007	18.418	0.001	18.432	0.022	18.451	0.030	18.470	0.020
13.960	0.042	13.977	0.056	13.992	0.058	14.017	0.050	18.501	0.005	18.524	-0.005	18.541	0.001	18.576	0.018
14.038	0.029	14.063	-0.001	14.080	-0.013	14.092	-0.015	18.601	0.036	18.623	0.054	18.638	0.060	18.652	0.054
14.103	-0.001	14.145	0.059	14.160	0.087	14.175	0.099	18.668	0.040	18.687	0.028	18.713	0.024	18.731	0.014
14.189	0.111	14.206	0.105	14.241	0.071	14.269	0.042	18.756	0.004	18.765	-0.000	18.790	0.002	18.804	-0.002
14.289	0.030	14.320	0.022	14.341	0.008	14.362	-0.001	18.821	-0.014	18.848	-0.050	18.865	-0.060	18.883	-0.076
14.383	-0.030	14.418	-0.005	14.439	-0.011	14.459	-0.024	18.901	-0.090	18.915	-0.086	18.940	-0.080	18.973	-0.051
14.485	-0.048	14.503	-0.054	14.524	-0.050	14.550	-0.045	18.993	-0.039	19.006	-0.035	19.024	-0.037	19.043	-0.041
14.571	-0.051	14.597	-0.001	14.621	-0.071	14.634	-0.064	19.054	-0.033	19.078	-0.017	19.104	0.009	19.115	0.017
14.669	0.100	14.683	-0.098	14.707	-0.084	14.734	-0.064	19.128	0.021	19.144	0.021	19.158	0.015	19.173	0.015
14.752	-0.042	14.769	-0.032	14.789	-0.028	14.805	-0.032	19.187	0.017	19.225	0.043	19.251	0.078	19.270	0.102
14.824	-0.022	14.848	0.002	14.867	0.023	14.886	0.039	19.280	0.122	19.299	0.138	19.311	0.132	19.332	0.110
14.905	0.047	14.928	0.049	14.948	0.053	14.971	0.055	19.370	0.059	19.390	0.039	19.417	0.029	19.444	0.023
14.990	0.039	15.012	0.016	15.027	0.012	15.043	0.012	19.466	0.010	19.480	0.002	19.496	-0.016	19.531	-0.058
15.063	0.020	15.078	0.020	15.095	0.014	15.117	0.006	19.557	-0.071	19.580	-0.089	19.628	-0.099	19.645	-0.103
15.142	-0.004	15.163	-0.024	15.186	-0.042	15.206	-0.054	19.669	-0.095	19.696	-0.079	19.732	-0.075	19.756	-0.075
15.224	-0.068	15.239	-0.065	15.267	-0.057	15.285	-0.055	19.784	-0.067	19.807	-0.058	19.845	-0.006	19.896	0.055
15.310	-0.043	15.331	-0.021	15.353	-0.001	15.373	0.017	19.922	0.085	19.937	0.099	19.956	0.099	19.973	0.089
15.387	0.019	15.405	0.015	15.428	-0.001	15.447	-0.021	19.996	0.073	20.016	0.065	20.039	0.071	20.061	0.079
15.468	-0.040	15.486	-0.054	15.495	-0.052	15.518	-0.036	20.075	0.083	20.095	0.085	20.108	0.075	20.128	-0.058
15.540	-0.032	15.551	-0.042	15.571	-0.057	15.592	-0.063	20.154	0.032	20.193	-0.006	20.220	-0.026	20.252	-0.042
15.607	-0.069	15.626	-0.059	15.647	-0.043	15.662	-0.029	20.273	-0.052	20.293	-0.057	20.310	-0.053	20.327	-0.050

20.339	-0.048	20.358	-0.063	20.379	-0.079	20.388	-0.093	24.358	0.021	24.377	0.027	24.394	0.038	24.408	0.038
20.408	-0.103	20.424	-0.109	20.440	-0.099	20.464	-0.078	24.430	0.034	24.450	0.033	24.469	0.023	24.490	0.015
20.478	-0.074	20.508	-0.072	20.528	-0.064	20.549	-0.058	24.511	0.011	24.535	0.007	24.557	0.003	24.578	0.001
20.581	-0.056	20.596	-0.052	20.623	-0.041	20.640	-0.031	24.597	-0.001	24.619	-0.001	24.642	-0.003	24.658	-0.003
20.656	-0.025	20.675	-0.025	20.686	-0.023	20.701	-0.033	24.679	-0.009	24.696	-0.008	24.717	0.002	24.733	0.017
20.720	-0.045	20.736	-0.061	20.751	-0.063	20.761	-0.068	24.751	0.043	24.769	0.063	24.782	0.073	24.799	0.079
20.772	-0.059	20.792	-0.037	20.826	0.007	20.855	0.031	24.820	0.071	24.840	0.059	24.861	0.047	24.877	0.039
20.876	0.043	20.906	0.017	20.925	-0.001	20.946	-0.013	24.896	0.037	24.926	0.037	24.956	0.035	24.984	0.033
20.974	-0.017	20.999	-0.023	21.020	-0.029	21.043	0.033	25.003	0.027	25.029	0.015	25.048	0.005	25.070	-0.003
21.097	-0.037	21.130	-0.023	21.168	0.004	21.196	0.016	25.097	-0.007	25.118	-0.021	25.137	-0.003	25.157	-0.042
21.223	0.033	21.251	0.059	21.271	0.077	21.291	0.082	25.180	-0.060	25.199	-0.072	25.216	-0.082	25.235	-0.094
21.313	0.002	21.359	0.040	21.387	0.024	21.408	0.006	25.254	-0.096	25.274	-0.092	25.297	-0.080	25.321	-0.064
21.455	0.002	21.496	-0.014	21.534	-0.028	21.551	-0.034	25.339	-0.052	25.358	-0.050	25.378	-0.048	25.400	-0.050
21.571	-0.041	21.600	-0.035	21.618	-0.047	21.645	-0.075	25.422	-0.058	25.444	-0.068	25.466	-0.074	25.487	-0.077
21.674	-0.110	21.695	-0.117	21.724	-0.115	21.746	-0.103	25.511	-0.075	25.528	-0.079	25.555	-0.073	25.570	-0.065
21.777	-0.085	21.807	-0.023	21.831	-0.001	21.880	0.003	25.591	-0.055	25.613	-0.044	25.632	-0.036	25.651	-0.026
21.885	0.005	21.898	0.013	21.918	0.025	21.934	0.025	25.670	-0.020	25.687	-0.020	25.705	-0.018	25.730	-0.007
21.950	0.019	21.976	0.015	21.991	0.010	22.009	0.004	25.758	-0.007	25.787	0.005	25.802	-0.005	25.823	-0.003
22.025	-0.002	22.042	-0.012	22.053	-0.026	22.075	-0.035	25.849	-0.009	25.875	-0.017	25.899	-0.024	25.923	-0.034
22.092	-0.045	22.110	-0.043	22.129	-0.039	22.150	-0.037	25.949	-0.040	25.970	-0.054	25.989	-0.056	26.007	-0.056
22.175	-0.035	22.193	-0.031	22.213	-0.026	22.231	-0.024	26.033	-0.052	26.060	-0.038	26.086	-0.030	26.109	-0.016
22.245	-0.028	22.259	-0.034	22.271	-0.044	22.280	-0.054	26.130	-0.008	26.159	-0.002	26.183	0.006	26.207	0.016
22.295	-0.067	22.304	-0.075	22.315	-0.081	22.327	-0.085	26.235	0.036	26.251	0.044	26.264	0.044	26.297	0.032
22.340	-0.089	22.352	-0.085	22.366	-0.075	22.390	-0.047	26.318	0.030	26.355	0.032	26.376	0.028	26.393	0.030
22.409	-0.027	22.418	-0.021	22.431	-0.011	22.443	-0.009	26.423	0.042	26.439	0.036	26.457	0.032	26.478	0.022
22.507	-0.034	22.469	-0.018	22.484	-0.024	22.497	-0.028	26.493	0.022	26.522	0.024	26.547	0.018	26.580	0.011
22.557	-0.034	22.518	-0.036	22.529	-0.032	22.548	-0.028	26.617	-0.001	26.646	0.001	26.666	-0.013	26.705	-0.037
22.565	-0.024	22.580	-0.020	22.593	-0.014	22.607	-0.008	26.725	-0.049	26.747	-0.055	26.774	-0.059	26.799	-0.071
22.619	-0.002	22.636	-0.002	22.645	-0.010	22.658	-0.020	26.823	-0.069	26.851	-0.069	26.866	-0.075	26.886	-0.091
22.670	-0.023	22.683	-0.031	22.696	-0.035	22.707	-0.039	26.909	-0.059	26.935	-0.101	26.950	-0.107	26.961	-0.103
22.719	-0.041	22.728	-0.037	22.742	-0.031	22.757	-0.023	26.989	-0.093	27.019	-0.068	27.045	-0.048	27.066	-0.040
22.773	-0.017	22.787	-0.005	22.802	0.007	22.816	0.023	27.089	-0.032	27.113	-0.026	27.139	-0.024	27.160	-0.024
22.829	0.035	22.842	0.044	22.858	0.045	22.873	0.041	27.180	-0.014	27.205	-0.002	27.226	0.009	27.245	0.021
22.886	0.039	22.900	0.031	22.915	0.029	22.929	0.021	27.264	0.031	27.284	0.041	27.305	0.043	27.326	0.047
22.938	0.021	22.951	0.029	22.968	0.037	22.982	0.047	27.348	0.039	27.372	0.033	27.396	0.025	27.414	0.013
23.062	0.027	23.076	0.017	23.090	0.009	23.105	0.005	27.437	0.001	27.452	-0.003	27.478	-0.009	27.505	-0.011
23.117	-0.001	23.131	-0.005	23.145	-0.003	23.153	-0.003	27.527	-0.013	27.550	-0.011	27.573	-0.007	27.597	0.007
23.180	0.001	23.193	0.031	23.207	0.007	23.221	0.011	27.621	0.030	27.644	0.040	27.672	0.046	27.703	0.066
23.235	0.021	23.253	0.031	23.266	0.035	23.277	0.041	27.727	0.076	27.744	0.078	27.769	0.074	27.796	0.066
23.289	0.041	23.303	0.041	23.322	0.041	23.339	0.041	27.826	0.054	27.848	0.042	27.871	0.038	27.884	0.038
23.357	0.039	23.375	0.031	23.386	0.025	23.403	0.021	27.905	0.036	27.920	0.028	27.946	-0.013	27.983	-0.009
23.421	0.019	23.438	0.023	23.455	0.021	23.470	0.017	28.016	-0.027	28.043	-0.051	28.066	-0.063	28.087	-0.077
23.485	0.017	23.501	0.021	23.518	0.025	23.530	0.025	28.104	-0.085	28.124	-0.089	28.135	-0.093	28.153	-0.091
23.544	0.021	23.556	0.013	23.572	0.011	23.586	0.021	28.171	-0.089	28.186	-0.083	28.205	-0.071	28.225	-0.061
23.598	0.029	23.612	0.035	23.622	0.035	23.640	0.035	28.244	-0.083	28.261	-0.045	28.282	-0.033	28.298	-0.023
23.659	0.031	23.679	0.027	23.697	0.025	23.709	0.019	28.313	-0.015	28.328	-0.009	28.345	-0.003	28.357	0.005
23.726	0.007	23.736	0.009	23.756	0.011	23.771	0.013	28.372	0.007	28.383	0.013	28.398	0.026	28.415	0.044
23.786	0.023	23.801	0.024	23.816	0.014	23.834	0.004	28.430	0.068	28.446	0.078	28.465	0.088	28.481	0.100
23.849	-0.004	23.866	-0.004	23.888	0.000	23.910	0.000	28.502	0.114	28.514	0.122	28.531	0.120	28.550	0.120
23.930	0.004	23.945	0.006	23.958	0.010	23.979	0.020	28.566	0.110	28.586	0.104	28.604	0.094	28.619	0.094
23.995	0.024	24.007	0.028	24.022	0.028	24.041	0.028	28.643	0.092	28.662	0.090	28.682	0.080	28.703	0.070
24.060	0.023	24.075	0.019	24.092	0.015	24.111	0.019	28.727	0.052	28.746	0.030	28.770	0.014	28.792	0.000
24.129	0.021	24.146	0.025	24.164	0.027	24.184	0.019	28.808	-0.012	28.829	-0.016	28.860	-0.022	28.883	-0.036
24.202	0.011	24.224	0.007	24.242	0.003	24.263	-0.005	28.907	-0.048	28.929	-0.056	28.940	-0.058	28.959	-0.044
24.280	-0.005	24.302	-0.005	24.321	0.001	24.340	0.009	28.982	-0.026	29.000	-0.010	29.018	-0.004	29.046	0.002
								29.081	0.013	29.105	0.031	29.125	0.041	29.152	0.051

29.172	0.055	29.199	0.061	29.234	0.065	29.261	0.069	33.908	0.053	33.926	0.051	33.942	0.047	33.965	0.039
29.297	0.079	29.324	0.089	29.345	0.093	29.377	0.093	33.985	0.027	34.004	0.019	34.021	0.015	34.037	0.009
29.399	0.081	29.420	0.069	29.462	0.023	29.485	0.009	34.033	0.012	34.071	0.018	34.085	0.020	34.103	0.020
29.511	-0.026	29.551	-0.078	29.576	-0.105	29.593	-0.121	34.122	0.016	34.161	0.016	34.182	0.016	34.182	0.016
29.613	-0.125	29.637	-0.125	29.666	-0.123	29.698	-0.107	34.203	0.019	34.223	0.029	34.242	0.031	34.256	0.029
29.720	-0.103	29.760	-0.097	29.788	-0.089	29.810	-0.074	34.276	0.025	34.295	0.019	34.309	0.013	34.330	0.011
29.835	-0.054	29.856	-0.044	29.873	-0.046	29.892	-0.052	34.332	0.005	34.375	-0.002	34.396	-0.002	34.415	-0.004
29.911	-0.058	29.929	-0.062	29.943	-0.052	29.970	-0.030	34.432	-0.002	34.449	-0.010	34.465	-0.014	34.479	-0.014
29.995	-0.018	30.013	-0.008	30.027	-0.010	30.054	-0.020	34.495	-0.012	34.514	-0.006	34.533	-0.006	34.552	-0.002
30.074	-0.012	30.094	-0.014	30.118	-0.010	30.143	-0.016	34.573	-0.002	34.592	-0.004	34.612	-0.006	34.638	-0.010
30.159	-0.018	30.178	-0.014	30.201	-0.013	30.228	-0.017	34.665	-0.014	34.687	-0.024	34.708	-0.042	34.730	-0.054
30.251	-0.023	30.277	-0.029	30.299	-0.029	30.320	-0.037	34.748	-0.068	34.763	-0.076	34.778	-0.078	34.799	-0.078
30.339	-0.036	30.357	-0.024	30.380	-0.012	30.399	-0.008	34.819	-0.074	34.836	-0.066	34.854	-0.061	34.872	-0.057
30.421	-0.000	30.433	-0.000	30.451	-0.006	30.473	0.006	34.887	-0.059	34.907	-0.061	34.925	-0.065	34.942	-0.063
30.499	0.010	30.521	0.008	30.553	0.009	30.571	0.013	34.960	-0.061	34.977	-0.057	35.005	-0.056	35.026	-0.050
30.592	0.015	30.614	0.009	30.643	0.003	30.674	-0.011	35.047	-0.040	35.062	-0.034	35.080	-0.026	35.095	-0.016
30.692	-0.021	30.720	-0.035	30.742	-0.048	30.770	-0.060	35.110	-0.007	35.124	0.001	35.139	0.007	35.152	0.007
30.799	-0.072	30.822	-0.078	30.845	-0.092	30.865	-0.094	35.169	0.003	35.199	-0.005	35.224	-0.017	35.244	-0.027
30.892	-0.101	30.908	-0.113	30.933	-0.119	30.954	-0.117	35.263	-0.033	35.283	-0.033	35.307	-0.036	35.327	-0.034
30.976	-0.115	31.009	-0.101	31.039	-0.083	31.072	-0.057	35.345	-0.032	35.367	-0.018	35.386	-0.002	35.403	0.004
31.105	-0.043	31.131	-0.019	31.153	-0.006	31.185	0.022	35.425	0.007	35.451	0.007	35.477	0.011	35.501	0.015
31.210	0.038	31.232	0.052	31.250	0.046	31.270	0.040	35.523	0.019	35.544	0.027	35.564	0.031	35.587	0.029
31.285	0.042	31.302	0.048	31.334	0.060	31.348	0.066	35.612	0.030	35.641	0.016	35.669	0.010	35.699	0.002
31.368	0.062	31.389	0.050	31.409	0.042	31.431	0.034	35.724	-0.004	35.752	-0.012	35.778	-0.008	35.802	-0.010
31.451	0.040	31.466	0.048	31.481	0.050	31.499	0.046	35.823	-0.012	35.846	-0.018	35.867	-0.028	35.891	-0.036
31.522	0.034	31.542	0.026	31.561	0.011	31.574	-0.001	35.913	-0.046	35.937	-0.055	35.959	-0.063	35.985	-0.061
31.599	-0.003	31.598	-0.005	31.613	-0.007	31.630	-0.003	36.009	-0.057	36.033	-0.049	36.057	-0.043	36.083	-0.037
31.651	0.003	31.670	0.013	31.690	0.018	31.713	0.024	36.110	-0.029	36.135	-0.017	36.156	-0.001	36.177	0.003
31.730	0.026	31.753	0.028	31.770	0.034	31.790	0.030	36.203	0.011	36.225	0.017	36.248	0.027	36.269	0.034
31.811	0.028	31.836	0.030	31.854	0.034	31.874	0.036	36.291	0.038	36.317	0.042	36.340	0.046	36.358	0.050
31.899	0.045	31.919	0.049	31.937	0.049	31.958	0.045	36.379	0.054	36.403	0.056	36.422	0.062	36.439	0.068
31.977	0.027	32.006	0.027	32.029	0.049	32.061	0.012	36.458	0.072	36.476	0.074	36.495	0.064	36.530	0.084
32.083	0.002	32.118	-0.018	32.139	-0.024	32.152	-0.030	36.560	0.046	36.578	0.034	36.610	0.020	36.632	0.011
32.178	-0.042	32.209	-0.071	32.234	-0.089	32.255	-0.105	36.647	0.007	36.666	-0.003	36.680	-0.005	36.699	-0.003
32.271	-0.103	32.287	-0.087	32.315	-0.061	32.336	-0.040	36.718	-0.001	36.738	-0.001	36.759	-0.009	36.778	-0.015
32.355	-0.024	32.369	-0.012	32.396	-0.007	32.419	-0.003	36.796	-0.017	36.816	-0.015	36.846	-0.013	36.878	-0.015
32.447	0.013	32.491	0.033	32.504	0.043	32.529	0.055	36.908	-0.019	36.943	-0.023	36.974	-0.021	37.001	-0.019
32.551	0.063	32.568	0.069	32.598	0.081	32.613	0.037	37.027	-0.013	37.047	-0.013	37.073	-0.011	37.093	-0.005
32.636	0.091	32.654	0.097	32.672	0.094	32.685	0.090	37.137	0.022	37.167	0.044	37.191	0.054	37.213	0.060
32.700	0.092	32.717	0.104	32.737	0.116	32.755	0.124	37.237	0.056	37.271	0.054	37.295	0.052	37.319	0.060
32.767	0.128	32.782	0.134	32.801	0.140	32.818	0.142	37.342	0.060	37.369	0.056	37.399	0.048	37.423	0.040
32.834	0.140	32.851	0.132	32.871	0.122	32.889	0.106	37.449	0.034	37.476	0.032	37.502	0.028	37.523	0.030
32.904	0.098	32.918	0.094	32.928	0.094	32.954	0.099	37.545	0.029	37.566	0.025	37.585	0.017	37.614	0.017
32.966	0.105	32.982	0.099	32.999	0.095	33.015	0.085	37.637	0.005	37.659	0.003	37.681	0.003	37.708	0.009
33.035	0.081	33.053	0.071	33.066	0.053	33.086	0.035	37.732	0.011	37.775	0.009	37.797	0.009	37.821	0.003
33.099	0.021	33.118	0.006	33.132	-0.004	33.147	-0.014	37.853	-0.001	37.879	-0.005	37.903	-0.012	37.925	-0.008
33.159	-0.028	33.173	-0.042	33.185	-0.056	33.195	-0.064	37.953	-0.000	37.982	0.002	38.015	0.008	38.041	0.006
33.211	-0.072	33.230	-0.072	33.258	-0.076	33.281	-0.084	38.071	-0.000	38.099	-0.006	38.131	-0.007	38.156	-0.009
33.308	-0.086	33.332	-0.086	33.352	-0.084	33.369	-0.088	38.189	-0.007	38.222	-0.007	38.258	-0.013	38.284	-0.007
33.382	-0.088	33.403	-0.076	33.421	-0.077	33.443	-0.072	38.322	0.010	38.359	0.028	38.392	0.030	38.420	0.032
33.468	-0.079	33.485	-0.077	33.499	-0.076	33.516	-0.072	38.447	0.030	38.470	0.026	38.507	0.017	38.540	0.009
33.535	-0.060	33.555	-0.032	33.583	-0.005	33.601	0.019	38.566	0.003	38.592	0.001	38.621	-0.005	38.647	-0.011
33.617	0.028	33.630	0.034	33.645	0.036	33.657	0.038	38.672	-0.017	38.697	-0.018	38.726	-0.019	38.753	-0.020
33.674	0.034	33.693	0.033	33.719	0.033	33.742	0.037	38.779	-0.022	38.811	-0.028	38.839	-0.032	38.864	-0.028
33.761	0.039	33.778	0.042	33.795	0.044	33.812	0.042	38.890	-0.028	38.917	-0.033	38.950	-0.032	38.975	-0.031
33.832	0.046	33.850	0.047	33.873	0.049	33.888	0.049	39.006	-0.025	39.026	-0.019	39.068	-0.019	39.084	-0.015

39.109	-0.005	39.142	-0.002	39.172	0.006	39.193	0.014	44.992	-0.029	45.004	-0.025	45.018	-0.023	45.035	-0.023
39.214	0.016	39.236	0.020	39.265	0.018	39.293	0.009	45.055	-0.021	45.077	-0.025	45.098	-0.021	45.120	-0.021
39.328	0.009	39.359	0.009	39.387	0.005	39.411	0.009	45.139	-0.019	45.156	-0.017	45.175	-0.017	45.194	-0.013
39.452	0.013	39.489	0.026	39.522	0.034	39.569	0.036	45.214	-0.009	45.231	-0.001	45.251	0.005	45.265	0.009
39.612	0.044	39.651	0.048	39.685	0.054	39.713	0.058	45.283	0.015	45.299	0.019	45.314	0.019	45.327	0.017
39.734	0.059	39.761	0.053	39.785	0.040	39.809	0.028	45.345	0.015	45.365	0.011	45.382	0.010	45.402	0.012
39.829	0.016	39.846	0.016	39.863	0.020	39.891	0.019	45.422	0.012	45.446	0.008	45.473	0.014	45.493	0.012
39.915	0.019	39.939	0.017	39.965	0.014	39.991	0.008	45.516	0.012	45.536	0.008	45.558	0.007	45.577	0.003
40.015	0.004	40.037	-0.000	40.075	-0.000	40.096	0.004	45.591	0.005	45.612	0.009	45.631	0.007	45.651	0.009
40.123	0.002	40.152	-0.000	40.187	-0.002	40.209	0.004	45.667	0.005	45.687	0.003	45.707	-0.001	45.723	-0.003
40.235	0.008	40.264	0.010	40.301	0.010	40.330	0.012	45.742	-0.005	45.767	-0.011	45.790	-0.011	45.813	-0.007
40.362	0.012	40.387	0.012	40.418	0.016	40.446	0.016	45.836	-0.005	45.861	-0.001	45.896	-0.001	45.932	-0.001
40.473	0.016	40.495	0.024	40.523	0.030	40.558	0.028	45.961	0.001	45.995	-0.001	46.021	0.001	46.049	0.003
40.583	0.026	40.617	0.022	40.649	0.018	40.685	0.011	46.076	0.005	46.107	0.008	46.120	0.012	46.141	0.018
40.716	0.011	40.765	0.007	40.784	0.007	40.809	0.011	46.161	0.020	46.183	0.020	46.212	0.028	46.237	0.028
40.842	0.003	40.873	-0.000	40.896	-0.002	40.918	0.002	46.262	0.032	46.286	0.034	46.306	0.038	46.332	0.039
40.948	0.006	40.973	0.008	40.994	0.006	41.017	0.005	46.356	0.039	46.380	0.037	46.404	0.035	46.440	0.031
41.048	-0.005	41.072	-0.013	41.093	-0.017	41.108	-0.011	46.478	0.025	46.504	0.023	46.541	0.019	46.567	0.015
41.141	-0.009	41.176	-0.010	41.204	-0.008	41.232	-0.010	46.588	0.011	46.614	0.005	46.640	-0.001	46.661	-0.007
41.262	-0.020	41.287	-0.030	41.307	-0.034	41.326	-0.028	46.680	-0.009	46.707	-0.005	46.730	-0.007	46.759	-0.009
41.357	-0.022	41.388	-0.023	41.419	-0.027	41.438	-0.023	46.782	-0.007	46.808	-0.013	46.825	-0.013	46.845	-0.015
41.460	-0.019	41.483	-0.015	41.505	-0.011	41.528	-0.012	46.867	-0.013	46.889	-0.009	46.911	-0.005	46.929	-0.001
41.549	-0.008	41.570	-0.006	41.592	-0.012	41.627	-0.014	46.948	0.003	46.970	0.005	46.994	0.006	47.021	0.004
41.654	-0.016	41.669	-0.014	41.699	-0.012	41.723	-0.010	47.046	0.002	47.066	0.002	47.086	0.002	47.110	0.004
41.756	-0.016	41.787	-0.028	41.816	-0.034	41.843	-0.034	47.134	0.008	47.154	0.010	47.172	0.012	47.204	0.010
41.870	-0.048	41.894	-0.050	41.915	-0.052	41.940	-0.052	47.246	0.012	47.270	0.012	47.294	0.010	47.316	0.004
41.963	-0.054	41.988	-0.062	42.014	-0.063	42.035	-0.058	47.341	0.002	47.368	0.002	47.390	-0.000	47.416	-0.002
42.047	-0.073	42.077	-0.073	42.101	-0.063	42.125	-0.073	47.450	-0.008	47.476	-0.013	47.505	-0.015	47.533	-0.021
42.145	-0.050	42.164	-0.048	42.197	-0.048	42.254	-0.042	47.568	-0.023	47.594	-0.023	47.631	-0.024	47.658	-0.024
42.303	-0.032	42.339	-0.020	42.376	-0.012	42.408	-0.004	47.685	-0.032	47.715	-0.034	47.742	-0.036	47.763	-0.037
42.441	0.006	42.478	0.015	42.516	0.031	42.555	0.043	47.787	-0.035	47.816	-0.035	47.838	-0.033	47.860	-0.027
42.587	0.055	42.608	0.055	42.655	0.055	42.714	0.054	47.882	-0.027	47.909	-0.027	47.937	-0.025	47.959	-0.031
42.823	0.054	42.850	0.059	42.837	0.057	42.931	0.047	47.982	-0.033	48.009	-0.036	48.037	-0.038	48.060	-0.040
42.978	0.037	43.002	0.036	43.053	0.036	43.101	0.028	48.078	-0.042	48.100	-0.038	48.127	-0.034	48.150	-0.030
43.153	0.036	43.231	0.032	43.245	0.028	43.269	0.017	48.168	-0.030	48.188	-0.028	48.214	-0.027	48.234	-0.023
43.292	0.017	43.316	0.021	43.338	0.020	43.358	0.016	48.255	-0.023	48.275	-0.027	48.302	-0.033	48.316	-0.035
43.370	0.018	43.392	0.024	43.414	0.027	43.436	0.023	48.338	-0.035	48.359	-0.035	48.387	-0.031	48.410	-0.027
43.465	0.015	43.490	0.001	43.511	-0.008	43.532	-0.014	48.434	-0.032	48.461	-0.034	48.494	-0.034	48.512	-0.032
43.558	-0.020	43.575	-0.024	43.596	-0.022	43.629	-0.014	48.537	-0.030	48.560	-0.028	48.578	-0.026	48.612	-0.011
43.656	-0.005	43.677	0.001	43.701	0.005	43.725	0.009	48.642	-0.005	48.668	-0.005	48.706	0.001	48.743	0.003
43.753	0.010	43.788	0.012	43.821	0.012	43.850	0.012	48.776	0.011	48.808	0.015	48.837	0.018	48.862	0.020
43.864	0.016	43.899	0.023	43.929	0.033	43.954	0.043	48.889	0.022	48.914	0.022	48.938	0.028	48.960	0.034
43.987	0.051	44.012	0.055	44.034	0.053	44.059	0.051	48.979	0.038	49.002	0.040	49.030	0.042	49.051	0.038
44.082	0.047	44.106	0.041	44.126	0.037	44.149	0.035	49.071	0.030	49.090	0.028	49.117	0.022	49.139	0.017
44.169	0.031	44.191	0.027	44.214	0.023	44.243	0.021	49.167	0.017	49.192	0.015	49.219	0.015	49.246	0.016
44.267	0.018	44.287	0.020	44.307	0.020	44.321	0.022	49.275	0.016	49.296	0.018	49.320	0.014	49.350	0.013
44.336	0.026	44.348	0.032	44.371	0.032	44.387	0.026	49.386	0.013	49.418	0.014	49.448	0.012	49.479	0.012
44.402	0.022	44.419	0.013	44.440	0.003	44.452	-0.005	49.505	0.012	49.528	0.016	49.553	0.022	49.576	0.028
44.464	-0.009	44.477	-0.013	44.489	-0.013	44.507	-0.011	49.602	0.042	49.623	0.046	49.643	0.050	49.656	0.052
44.524	-0.009	44.537	-0.003	44.548	0.001	44.560	0.003	49.679	0.050	49.702	0.048	49.734	0.048	49.754	0.050
44.572	0.001	44.590	-0.001	44.608	-0.005	44.627	-0.013	49.778	0.054	49.803	0.056	49.826	0.060	49.850	0.061
44.643	-0.019	44.663	-0.027	44.677	-0.033	44.690	-0.039	49.885	0.059	49.907	0.063	49.930	0.065	49.957	0.069
44.705	-0.041	44.719	-0.039	44.733	-0.037	44.751	-0.037	49.983	0.070	50.011	0.072	50.038	0.072	50.062	0.076
44.761	-0.037	44.778	-0.033	44.799	-0.033	44.813	-0.037	50.095	0.073	50.116	0.075	50.133	0.075	50.153	0.071
44.837	-0.039	44.857	-0.041	44.874	-0.041	44.901	-0.041	50.173	0.065	50.188	0.059	50.212	0.056	50.238	0.054
44.915	-0.043	44.934	-0.041	44.959	-0.037	44.979	-0.033	50.264	0.050	50.291	0.048	50.317	0.044	50.350	0.042

50.383	0.041	50.399	0.041	50.426	0.039	50.450	0.038	55.174	0.018	55.210	0.018	55.246	0.017	55.270	0.013
50.473	0.036	50.493	0.032	50.515	0.032	50.542	0.030	55.299	0.009	55.329	0.007	55.367	0.005	55.387	0.003
50.566	0.030	50.584	0.028	50.595	0.030	50.605	0.036	55.409	0.001	55.429	-0.001	55.450	-0.005	55.477	-0.003
50.629	0.032	50.651	0.030	50.662	0.028	50.678	0.022	55.507	0.005	55.530	-0.005	55.551	-0.003	55.569	-0.005
50.694	0.022	50.710	0.020	50.727	0.016	50.743	0.014	55.586	-0.011	55.611	-0.013	55.631	-0.019	55.647	-0.021
50.764	0.012	50.782	0.011	50.811	0.009	50.832	0.011	55.669	-0.027	55.685	-0.033	55.702	-0.043	55.742	-0.037
50.855	0.015	50.874	0.015	50.894	0.014	50.918	0.014	55.801	-0.037	55.826	-0.041	55.860	-0.043	55.892	-0.045
50.943	0.012	50.967	0.012	50.992	0.008	51.012	0.008	55.926	-0.049	55.951	-0.053	55.982	-0.055	56.016	-0.057
51.028	0.004	51.049	-0.000	51.067	-0.000	51.080	-0.008	56.040	-0.061	56.056	-0.065	56.076	-0.065	56.091	-0.065
51.098	-0.006	51.116	-0.004	51.131	-0.004	51.144	-0.002	56.120	-0.057	56.139	-0.059	56.153	-0.055	56.176	-0.055
51.159	-0.004	51.175	-0.006	51.191	-0.006	51.206	-0.008	56.201	-0.053	56.227	-0.053	56.250	-0.051	56.282	-0.051
51.222	-0.008	51.241	-0.008	51.255	-0.012	51.269	-0.016	56.311	-0.054	56.344	-0.052	56.373	-0.054	56.397	-0.056
51.286	-0.018	51.308	-0.022	51.327	-0.024	51.343	-0.028	56.425	-0.052	56.447	-0.048	56.476	-0.048	56.503	-0.048
51.359	-0.028	51.378	-0.028	51.398	-0.026	51.415	-0.024	56.523	-0.052	56.540	-0.053	56.559	-0.051	56.585	-0.047
51.429	-0.022	51.442	-0.024	51.459	-0.026	51.474	-0.030	56.612	-0.041	56.635	-0.037	56.658	-0.031	56.682	-0.031
51.491	-0.030	51.516	-0.036	51.536	-0.040	51.555	-0.043	56.712	-0.030	56.748	-0.030	56.788	-0.032	56.815	-0.032
51.572	-0.047	51.590	-0.049	51.605	-0.045	51.620	-0.047	56.846	-0.033	56.872	-0.029	56.899	-0.029	56.931	-0.027
51.642	-0.051	51.660	-0.053	51.682	-0.061	51.703	-0.065	56.962	-0.030	56.991	-0.028	57.016	-0.026	57.044	-0.026
51.722	-0.069	51.743	-0.073	51.765	-0.077	51.785	-0.079	57.073	-0.021	57.101	-0.017	57.123	-0.013	57.154	-0.007
51.804	-0.075	51.823	-0.073	51.843	-0.075	51.864	-0.075	57.184	-0.007	57.210	-0.005	57.233	-0.003	57.257	-0.003
51.886	-0.073	51.909	-0.073	51.930	-0.073	51.951	-0.071	57.282	-0.001	57.307	0.001	57.335	0.001	57.361	0.000
51.975	-0.069	51.997	-0.071	52.021	-0.067	52.039	-0.067	57.362	0.000	57.403	0.004	57.424	0.004	57.446	0.008
52.062	-0.065	52.084	-0.067	52.104	-0.061	52.133	-0.063	57.466	0.006	57.487	0.008	57.508	0.008	57.527	0.004
52.156	-0.061	52.174	-0.069	52.202	-0.067	52.227	-0.069	57.549	-0.002	57.568	-0.002	57.586	-0.000	57.609	0.003
52.254	-0.073	52.273	-0.075	52.292	-0.077	52.310	-0.079	57.639	0.003	57.658	0.005	57.676	0.001	57.701	0.005
52.328	-0.082	52.341	-0.082	52.367	-0.082	52.387	-0.078	57.728	0.005	57.753	0.006	57.774	0.008	57.800	0.010
52.408	-0.076	52.437	-0.071	52.459	-0.071	52.481	-0.067	57.825	0.014	57.851	0.016	57.878	0.018	57.903	0.023
52.503	-0.063	52.519	-0.065	52.539	-0.063	52.567	-0.065	57.930	0.025	57.958	0.027	57.980	0.031	58.003	0.031
52.583	-0.063	52.604	-0.058	52.627	-0.056	52.643	-0.052	58.023	0.033	58.048	0.035	58.074	0.039	58.093	0.045
52.663	-0.044	52.684	-0.042	52.707	-0.036	52.726	-0.032	58.117	0.049	58.137	0.053	58.154	0.057	58.178	0.057
52.756	-0.024	52.770	-0.016	52.789	-0.012	52.810	-0.008	58.201	0.057	58.223	0.057	58.248	0.061	58.270	0.061
52.831	-0.004	52.848	-0.004	52.869	-0.004	52.887	-0.004	58.297	0.065	58.323	0.065	58.347	0.067	58.376	0.065
52.904	-0.002	52.923	-0.006	52.939	-0.004	52.960	-0.000	58.407	0.065	58.433	0.065	58.457	0.067	58.478	0.071
52.981	0.004	53.001	0.009	53.031	0.019	53.054	0.025	58.500	0.067	58.525	0.064	58.549	0.062	58.570	0.062
53.076	0.027	53.097	0.034	53.119	0.034	53.138	0.036	58.594	0.060	58.614	0.060	58.639	0.058	58.657	0.058
53.159	0.038	53.181	0.040	53.206	0.041	53.230	0.041	58.678	0.054	58.708	0.050	58.734	0.044	58.758	0.042
53.251	0.045	53.272	0.045	53.294	0.045	53.314	0.043	58.785	0.040	58.808	0.040	58.836	0.040	58.862	0.040
53.333	0.045	53.348	0.049	53.360	0.049	53.376	0.050	58.891	0.040	58.918	0.038	58.942	0.034	58.973	0.030
53.390	0.050	53.417	0.052	53.479	0.052	53.499	0.052	59.001	0.030	59.026	0.030	59.061	0.026	59.088	0.020
53.529	0.056	53.550	0.056	53.570	0.052	53.585	0.048	59.109	0.020	59.136	0.018	59.162	0.020	59.189	0.015
53.615	0.048	53.643	0.047	53.667	0.045	53.688	0.043	59.216	0.015	59.234	0.013	59.263	0.013	59.283	0.011
53.714	0.047	53.736	0.044	53.769	0.044	53.798	0.044	59.301	0.011	59.322	0.011	59.350	0.009	59.373	0.009
53.840	0.041	53.859	0.047	53.884	0.047	53.908	0.049	59.393	0.011	59.414	0.009	59.436	0.009	59.456	0.007
53.934	0.056	53.956	0.060	53.975	0.064	53.993	0.066	59.483	0.003	59.509	0.001	59.531	-0.003	59.552	-0.009
54.008	0.066	54.043	0.063	54.070	0.059	54.094	0.055	59.569	-0.009	59.590	-0.013	59.617	-0.021	59.644	-0.021
54.120	0.059	54.143	0.059	54.163	0.059	54.187	0.052	59.673	-0.019	59.690	-0.029	59.727	-0.029	59.754	-0.031
54.225	0.046	54.255	0.044	54.288	0.042	54.328	0.038	59.777	-0.033	59.800	-0.035	59.822	-0.039	59.845	-0.041
54.367	0.034	54.405	0.033	54.419	0.031*	54.450	0.031	59.872	-0.043	59.898	-0.041	59.918	-0.039	59.943	-0.037
54.474	0.033	54.495	0.035	54.516	0.037	54.531	0.039	59.972	-0.033	59.996	-0.033	60.019	-0.029	60.040	-0.027
54.554	0.041	54.566	0.041	54.581	0.038	54.588	0.036	60.064	-0.029	60.085	-0.033	60.105	-0.035	60.130	-0.033
54.601	0.038	54.623	0.042	54.639	0.044	54.656	0.046	60.157	-0.023	60.174	-0.020	60.200	-0.041	60.227	-0.041
54.670	0.042	54.689	0.040	54.715	0.038	54.736	0.034	60.253	-0.043	60.276	-0.047	60.300	-0.051	60.324	-0.051
54.760	0.032	54.794	0.032	54.816	0.034	54.837	0.034	60.344	-0.051	60.366	-0.051	60.395	-0.049	60.419	-0.045
54.860	0.034	54.886	0.034	54.901	0.032	54.921	0.028	60.443	-0.041	60.464	-0.041	60.484	-0.041	60.514	-0.039
54.949	0.024	54.967	0.020	54.988	0.016	55.013	0.015	60.535	-0.039	60.564	-0.041	60.584	-0.041	60.610	-0.035
55.040	0.019	55.085	0.015	55.109	0.016	55.145	0.016	60.637	-0.033	60.660	-0.033	60.693	-0.033	60.715	-0.031

60.741	-0.029	60.774	-0.027	60.797	-0.025	60.814	-0.025	66.039	-0.009	66.058	-0.007	66.078	-0.007	66.099	-0.005
60.840	-0.027	60.865	-0.027	60.892	-0.027	60.914	-0.026	66.124	-0.005	66.147	-0.005	66.171	-0.005	66.191	-0.001
60.934	-0.026	60.959	-0.026	60.983	-0.026	61.007	-0.026	66.212	-0.001	66.231	0.001	66.249	0.001	66.265	0.003
61.027	-0.030	61.048	-0.026	61.071	-0.022	61.092	-0.020	66.285	-0.001	66.304	0.001	66.321	0.001	66.335	0.001
61.114	-0.016	61.147	-0.014	61.167	-0.013	61.193	-0.007	66.349	0.003	66.367	0.009	66.383	0.011	66.406	0.011
61.218	-0.005	61.242	-0.003	61.268	0.001	61.289	0.004	66.430	0.013	66.452	0.011	66.475	0.013	66.496	0.013
61.311	0.004	61.334	0.006	61.357	0.001	61.382	0.006	66.522	0.013	66.550	0.011	66.574	0.013	66.595	0.012
61.403	0.008	61.425	0.011	61.447	0.017	61.474	0.023	66.619	0.016	66.642	0.016	66.660	0.018	66.681	0.020
61.503	0.027	61.528	0.029	61.552	0.033	61.578	0.037	66.699	0.024	66.718	0.024	66.742	0.024	66.771	0.022
61.602	0.038	61.630	0.036	61.652	0.036	61.673	0.040	66.797	0.022	66.822	0.022	66.848	0.022	66.870	0.024
61.695	0.044	61.719	0.046	61.742	0.048	61.759	0.054	66.894	0.024	66.915	0.024	66.935	0.023	66.953	0.021
61.781	0.054	61.805	0.058	61.830	0.058	61.850	0.058	66.981	0.023	67.004	0.023	67.037	0.025	67.049	0.022
61.871	0.058	61.897	0.062	61.923	0.070	61.953	0.064	67.078	0.019	67.096	0.018	67.123	0.021	67.158	0.022
61.984	0.062	62.014	0.062	62.036	0.062	62.060	0.058	67.186	0.016	67.215	0.018	67.243	0.018	67.270	0.014
62.086	0.056	62.110	0.060	62.137	0.064	62.158	0.062	67.298	0.012	67.326	0.012	67.357	0.012	67.390	0.009
62.180	0.058	62.205	0.056	62.224	0.052	62.250	0.050	67.414	0.007	67.438	0.003	67.456	0.003	67.483	0.007
62.272	0.048	62.294	0.046	62.315	0.040	62.337	0.038	67.508	0.009	67.530	0.007	67.561	0.003	67.587	-0.001
62.367	0.034	62.395	0.030	62.423	0.026	62.446	0.026	67.613	-0.005	67.635	-0.009	67.662	-0.009	67.693	-0.013
62.472	0.018	62.496	0.015	62.519	0.011	62.538	0.005	67.728	-0.015	67.757	-0.017	67.789	-0.019	67.822	-0.025
62.564	-0.003	62.586	-0.009	62.609	-0.009	62.634	-0.011	67.851	-0.029	67.885	-0.030	67.924	-0.030	67.957	-0.032
62.660	-0.013	62.679	-0.017	62.703	-0.019	62.726	-0.019	67.985	-0.030	68.015	-0.030	68.056	-0.032	68.095	-0.031
62.753	-0.019	62.782	-0.021	62.805	-0.023	62.826	-0.025	68.128	-0.033	68.166	-0.034	68.197	-0.034	68.226	-0.034
62.843	-0.031	62.864	-0.035	62.896	-0.039	62.931	-0.042	68.254	-0.031	68.281	-0.025	68.305	-0.021	68.328	-0.021
62.970	-0.048	62.996	-0.052	63.023	-0.056	63.052	-0.058	68.353	-0.020	68.375	-0.020	68.401	-0.018	68.421	-0.014
63.083	-0.062	63.092	-0.062	63.115	-0.054	63.142	-0.050	68.444	-0.014	68.469	-0.010	68.489	-0.008	68.516	-0.008
63.173	-0.044	63.203	-0.040	63.225	-0.038	63.263	-0.037	68.540	-0.008	68.565	0.005	68.587	-0.003	68.619	0.001
63.290	-0.037	63.312	-0.033	63.334	-0.033	63.362	-0.031	68.642	0.005	68.661	0.005	68.685	0.003	68.708	0.001
63.390	-0.023	63.421	-0.017	63.447	-0.015	63.471	-0.012	68.735	0.005	68.770	0.004	68.801	0.008	68.828	0.004
63.493	-0.014	63.513	-0.014	63.542	-0.016	63.567	-0.012	68.859	0.010	68.891	0.009	68.922	0.009	68.947	0.013
63.592	-0.012	63.614	-0.004	63.639	-0.004	63.653	-0.001	68.971	0.006	69.094	0.002	69.122	-0.000	69.147	-0.000
63.673	0.003	63.699	0.001	63.718	-0.001	63.743	0.001	69.176	0.003	69.203	0.005	69.234	0.007	69.257	0.005
63.764	0.005	63.787	0.007	63.808	0.006	63.832	0.008	69.311	-0.001	69.331	-0.001	69.335	-0.003	69.360	0.001
63.851	0.012	63.875	0.014	63.898	0.018	63.922	0.024	69.388	0.011	69.410	0.013	69.431	0.019	69.455	0.022
63.945	0.023	63.959	0.025	63.977	0.029	64.003	0.029	69.482	0.020	69.508	0.019	69.532	0.017	69.558	0.017
64.023	0.031	64.050	0.031	64.085	0.031	64.119	0.032	69.581	0.023	69.604	0.031	69.624	0.037	69.643	0.041
64.141	0.032	64.166	0.036	64.194	0.034	64.226	0.036	69.663	0.041	69.696	0.031	69.747	0.029	69.808	0.027
64.257	0.032	64.281	0.032	64.310	0.027	64.340	0.023	69.854	0.025	69.889	0.024	69.931	0.024	69.983	0.018
64.369	0.021	64.398	0.017	64.421	0.017	64.443	0.009	70.014	0.014	70.052	0.010	70.078	0.010	70.098	0.000
64.463	0.009	64.496	0.007	64.530	-0.002	64.559	-0.004								
64.585	-0.006	64.616	-0.008	64.660	-0.009	64.683	-0.013								
64.705	-0.017	64.735	-0.012	64.772	-0.015	64.798	-0.015								
64.832	-0.012	64.858	-0.010	64.885	-0.013	64.906	-0.015								
64.941	-0.017	64.974	-0.015	65.004	-0.013	65.030	-0.011								
65.060	-0.013	65.072	-0.013	65.098	-0.009	65.113	-0.003								
65.135	-0.006	65.155	-0.004	65.173	-0.004	65.190	-0.004								
65.210	-0.002	65.232	-0.000	65.257	-0.004	65.279	-0.004								
65.294	-0.004	65.309	-0.004	65.333	-0.010	65.348	-0.010								
65.357	-0.012	65.378	-0.006	65.399	-0.006	65.420	-0.004								
65.442	-0.002	65.468	0.002	65.480	-0.000	65.490	-0.004								
65.505	-0.000	65.525	0.002	65.546	0.002	65.568	0.004								
65.586	0.002	65.608	0.002	65.625	0.002	65.646	0.002								
65.661	0.002	65.679	-0.006	65.698	-0.008	65.713	-0.008								
65.736	-0.006	65.757	-0.003	65.777	-0.001	65.805	-0.001								
65.825	-0.001	65.842	-0.003	65.859	-0.003	65.879	-0.001								
65.896	0.001	65.916	-0.001	65.935	-0.001	65.955	-0.003								
65.971	-0.005	65.989	-0.007	66.007	-0.009	66.020	-0.009								



16191

71.119 2/9/71 0600 PST PALOS VERDES EST. 2516 VIA TEJON DOWN

3800 POINTS 70.211 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0332 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.026	0.014	-0.020	0.033	-0.024	0.043	-0.030	2.015	0.026	2.032	0.006	2.050	0.002	2.064	0.018
0.050	-0.037	0.066	-0.012	0.081	0.022	0.096	0.052	2.078	0.042	2.090	0.052	2.110	0.042	2.127	0.044
0.113	0.064	0.120	0.060	0.134	0.018	0.142	-0.047	2.139	0.036	2.152	-0.002	2.156	-0.032	2.165	-0.050
0.151	-0.131	0.159	0.168	0.167	-0.182	0.180	-0.130	2.179	0.048	2.203	0.019	2.203	0.019	2.214	0.025
0.191	-0.039	0.198	0.037	0.205	0.132	0.209	0.172	2.226	-0.003	2.235	-0.017	2.247	-0.019	2.263	0.019
0.216	0.186	0.223	0.174	0.236	0.065	0.249	-0.022	2.277	0.053	2.292	0.059	2.306	0.041	2.321	0.021
0.258	-0.036	0.266	-0.023	0.277	0.024	0.286	0.048	2.348	0.015	2.363	0.022	2.378	0.048	2.391	0.064
0.297	0.035	0.317	-0.094	0.325	0.128	0.340	-0.126	2.406	0.032	2.415	-0.008	2.424	-0.034	2.434	-0.038
0.353	-0.098	0.363	-0.058	0.370	-0.038	0.386	-0.027	2.450	0.006	2.459	0.052	2.470	0.083	2.479	0.095
0.402	0.009	0.413	0.003	0.429	-0.013	0.441	-0.015	2.489	0.075	2.502	-0.062	2.514	-0.157	2.524	-0.155
0.449	-0.029	0.462	-0.052	0.479	0.064	0.490	-0.051	2.533	-0.136	2.548	-0.018	2.559	0.049	2.567	0.079
0.516	-0.037	0.529	-0.035	0.549	-0.057	0.556	0.065	2.577	0.073	2.587	0.047	2.603	0.037	2.617	0.050
0.569	0.037	0.594	0.052	0.608	0.116	0.619	0.142	2.631	0.044	2.641	0.028	2.653	0.022	2.667	0.040
0.632	0.136	0.652	0.023	0.673	-0.023	0.691	-0.085	2.681	0.046	2.694	0.010	2.709	-0.072	2.719	-0.090
0.702	-0.109	0.717	-0.115	0.737	-0.066	0.763	0.034	2.735	-0.070	2.745	-0.012	2.755	0.029	2.765	0.031
0.776	-0.059	0.799	0.069	0.820	0.023	0.838	-0.061	2.776	0.009	2.787	-0.003	2.800	-0.009	2.812	0.037
0.853	-0.078	0.867	-0.081	0.887	-0.027	0.908	0.050	2.826	0.036	2.842	-0.027	2.856	-0.083	2.861	-0.111
0.916	0.082	0.935	0.082	0.945	0.012	0.958	-0.012	2.871	0.049	2.880	-0.093	2.893	0.093	2.903	0.020
0.971	0.006	0.975	0.038	0.987	0.074	1.000	0.066	2.917	0.069	2.935	0.083	2.944	-0.016	2.953	0.083
1.016	0.026	1.022	-0.010	1.032	-0.028	1.047	-0.010	2.980	0.051	2.994	0.011	3.011	0.001	3.028	-0.027
1.059	0.063	1.074	-0.038	1.090	0.127	1.109	0.113	3.046	-0.105	3.063	-0.111	3.077	-0.024	3.089	0.062
1.126	0.049	1.144	-0.038	1.153	-0.084	1.167	-0.076	3.098	0.097	3.111	0.101	3.125	0.083	3.135	0.063
1.173	-0.060	1.185	-0.022	1.191	0.005	1.215	0.011	3.144	0.077	3.154	0.109	3.164	0.134	3.178	0.128
1.227	0.025	1.242	0.085	1.256	0.116	1.271	0.114	3.190	0.069	3.200	-0.043	3.209	-0.122	3.216	-0.166
1.291	0.043	1.301	-0.033	1.310	-0.069	1.323	-0.073	3.222	0.094	3.230	-0.096	3.244	-0.141	3.260	-0.061
1.344	-0.019	1.357	0.012	1.374	0.016	1.386	0.008	3.269	-0.024	3.287	0.016	3.303	0.044	3.316	0.077
1.400	0.024	1.410	0.032	1.425	0.020	1.437	0.022	3.327	0.089	3.342	0.077	3.358	0.039	3.372	0.003
1.447	0.036	1.461	0.024	1.470	0.024	1.480	0.038	3.385	-0.033	3.399	-0.043	3.413	0.005	3.425	0.080
1.489	0.048	1.499	0.049	1.510	0.028	1.517	-0.016	3.434	0.142	3.443	0.164	3.457	0.156	3.471	0.096
1.526	-0.070	1.536	-0.140	1.546	-0.187	1.546	-0.203	3.483	0.038	3.494	-0.031	3.503	-0.055	3.519	-0.087
1.559	-0.203	1.568	-0.176	1.577	-0.100	1.584	-0.039	3.536	-0.131	3.552	-0.145	3.564	-0.123	3.576	-0.080
1.594	0.023	1.604	0.078	1.613	0.094	1.622	0.084	3.589	0.020	3.598	0.006	3.613	0.027	3.626	0.047
1.631	0.056	1.645	0.024	1.653	0.012	1.667	0.020	3.638	0.065	3.653	0.076	3.666	0.059	3.678	0.033
1.674	0.022	1.682	0.014	1.705	-0.013	1.720	-0.048	3.682	0.011	3.701	0.003	3.710	0.013	3.719	0.017
1.732	-0.086	1.741	-0.087	1.751	-0.069	1.764	-0.019	3.728	-0.003	3.737	-0.029	3.752	-0.049	3.764	-0.045
1.783	0.042	1.792	0.074	1.799	0.088	1.807	0.078	3.773	-0.023	3.785	0.005	3.795	0.044	3.806	0.072
1.819	0.018	1.828	-0.040	1.839	-0.068	1.853	-0.058	3.816	0.100	3.832	0.088	3.847	0.054	3.865	0.016
1.867	-0.030	1.881	-0.007	1.890	0.005	1.900	0.003	3.893	0.056	3.903	0.063	3.913	0.063	3.913	0.036
1.910	-0.019	1.920	-0.041	1.942	-0.051	1.954	-0.029	3.925	0.014	3.943	-0.076	3.955	-0.093	3.971	-0.074
1.969	0.009	1.980	0.034	1.992	0.046	2.004	0.040	3.986	-0.002	3.998	0.043	4.010	0.061	4.021	0.055

4.039	0.041	4.052	0.033	4.061	0.081	4.069	0.123	6.670	0.065	6.687	-0.014	6.695	-0.074	6.703	-0.092
4.078	0.146	4.085	0.152	4.097	0.132	4.112	0.073	6.713	-0.088	6.726	-0.040	6.741	0.023	6.750	0.053
4.124	0.043	4.141	0.031	4.161	0.009	4.172	-0.036	6.761	0.059	6.787	0.035	6.797	0.035	6.797	0.011
4.187	-0.070	4.196	-0.086	4.208	-0.058	4.217	-0.020	6.812	-0.005	6.832	-0.011	6.848	-0.013	6.869	-0.021
4.226	-0.006	4.238	-0.018	4.253	-0.038	4.263	-0.014	6.890	-0.023	6.909	-0.005	6.925	0.017	6.937	0.025
4.271	0.028	4.279	0.065	4.283	0.093	4.292	0.121	6.951	0.003	6.966	-0.033	6.981	-0.058	6.997	0.086
4.301	0.121	4.311	0.105	4.321	0.040	4.336	-0.032	7.015	-0.120	7.027	-0.138	7.036	-0.134	7.048	-0.108
4.348	-0.079	4.357	-0.107	4.375	-0.133	4.384	-0.145	7.060	-0.059	7.069	-0.037	7.081	-0.015	7.094	-0.021
4.400	-0.131	4.412	-0.103	4.424	-0.067	4.436	-0.003	7.104	-0.035	7.120	-0.043	7.130	-0.043	7.147	-0.017
4.446	0.040	4.453	0.072	4.462	0.080	4.474	0.062	7.163	0.044	7.174	0.092	7.182	0.124	7.196	0.134
4.481	0.017	4.493	-0.017	4.504	-0.017	4.513	0.013	7.209	0.120	7.222	0.084	7.232	0.050	7.243	0.030
4.522	0.048	4.533	0.060	4.540	0.054	4.555	0.020	7.261	0.034	7.277	0.018	7.292	-0.005	7.303	-0.023
4.564	0.001	4.573	-0.015	4.585	0.026	4.592	0.056	7.315	-0.031	7.330	-0.027	7.344	-0.033	7.357	-0.051
4.600	0.064	4.612	0.064	4.622	0.054	4.637	0.042	7.374	-0.061	7.390	-0.055	7.405	-0.028	7.427	0.016
4.655	0.034	4.669	0.004	4.677	-0.032	4.688	-0.067	7.447	0.040	7.471	0.056	7.491	0.065	7.506	0.083
4.698	-0.083	4.714	-0.032	4.728	0.026	4.744	0.055	7.518	0.091	7.530	0.069	7.545	0.043	7.558	0.030
4.762	0.063	4.778	0.051	4.799	0.041	4.812	0.013	7.582	0.057	7.601	0.067	7.631	0.061	7.652	0.011
4.824	-0.013	4.836	-0.023	4.850	-0.015	4.862	0.007	7.670	-0.018	7.681	-0.036	7.696	-0.013	7.714	-0.008
4.870	0.013	4.881	-0.005	4.894	-0.029	4.899	-0.059	7.726	-0.028	7.742	-0.036	7.760	-0.020	7.764	-0.024
4.908	-0.067	4.917	-0.033	4.930	0.019	4.941	0.041	7.776	-0.019	7.790	-0.037	7.802	-0.067	7.809	-0.094
4.953	0.033	4.960	0.009	4.980	0.001	4.998	0.035	7.821	-0.102	7.838	-0.072	7.852	-0.012	7.862	0.026
5.011	0.055	5.023	0.047	5.033	0.001	5.041	-0.056	7.871	0.032	7.881	0.066	7.896	0.040	7.908	0.010
5.051	-0.092	5.067	-0.104	5.079	-0.080	5.094	-0.044	7.914	0.007	7.933	0.011	7.941	0.013	7.960	0.017
5.109	0.008	5.115	0.032	5.122	0.040	5.132	0.036	7.978	-0.060	7.991	-0.090	8.004	-0.124	8.019	-0.150
5.141	0.018	5.153	0.026	5.168	0.038	5.180	0.042	8.031	-0.145	8.047	-0.106	8.055	-0.085	8.062	-0.063
5.192	0.020	5.205	0.009	5.218	0.017	5.231	0.077	8.078	-0.040	8.098	-0.017	8.117	0.032	8.132	0.072
5.244	0.132	5.256	0.152	5.265	0.149	5.274	0.123	8.146	0.054	8.162	0.092	8.175	0.068	8.199	0.052
5.293	0.081	5.311	0.074	5.326	0.040	5.340	0.040	8.214	0.058	8.229	0.060	8.239	0.038	8.250	0.014
5.339	-0.023	5.347	-0.365	5.360	-0.112	5.374	-0.176	8.264	0.002	8.282	-0.008	8.293	-0.020	8.304	-0.050
5.383	-0.189	5.389	-0.176	5.408	-0.098	5.428	0.014	8.313	-0.074	8.322	-0.086	8.338	-0.091	8.339	-0.078
5.441	0.075	5.453	0.105	5.464	0.117	5.474	0.113	8.352	-0.054	8.364	-0.042	8.376	-0.046	8.387	-0.050
5.486	0.035	5.494	0.046	5.502	0.020	5.508	-0.004	8.401	-0.064	8.414	-0.026	8.430	0.027	8.446	0.065
5.519	-0.018	5.531	0.010	5.549	0.078	5.562	0.115	8.457	0.091	8.468	0.101	8.476	0.097	8.485	0.089
5.573	0.139	5.583	0.155	5.595	0.149	5.604	0.125	8.496	0.067	8.509	0.051	8.521	0.037	8.530	0.031
5.615	0.073	5.630	-0.023	5.643	-0.092	5.653	-0.132	8.543	0.025	8.554	0.047	8.569	0.063	8.587	0.041
5.668	-0.160	5.693	-0.170	5.713	-0.135	5.728	-0.077	8.603	-0.015	8.616	-0.059	8.624	-0.081	8.632	-0.089
5.742	-0.004	5.755	0.030	5.765	0.038	5.782	0.032	8.640	-0.069	8.657	-0.015	8.670	0.030	8.682	0.046
5.801	0.054	5.807	0.082	5.818	0.109	5.825	0.115	8.692	0.026	8.703	0.006	8.714	-0.006	8.720	-0.010
5.837	0.079	5.849	0.022	5.856	-0.022	5.866	-0.030	8.737	0.020	8.752	0.066	8.764	0.111	8.778	0.139
5.880	-0.016	5.891	0.020	5.909	0.055	5.924	0.052	8.787	0.143	8.800	0.133	8.816	0.095	8.832	0.049
5.940	-0.008	5.946	-0.036	5.952	-0.050	5.962	-0.054	8.842	0.008	8.859	0.013	8.870	0.017	8.887	-0.017
5.972	-0.046	5.982	-0.024	5.994	-0.022	6.003	-0.038	8.904	-0.076	8.918	-0.110	8.932	-0.150	8.947	-0.158
6.017	-0.061	6.026	-0.069	6.040	-0.065	6.051	-0.035	9.004	-0.076	9.025	0.108	9.037	0.110	9.047	0.082
6.066	0.020	6.072	0.042	6.083	0.044	6.093	0.022	9.063	0.084	9.074	-0.029	9.085	-0.055	9.101	-0.065
6.109	-0.005	6.129	-0.021	6.145	-0.005	6.153	0.034	9.113	-0.032	9.127	0.006	9.135	0.028	9.144	0.038
6.165	0.012	6.174	0.088	6.183	0.088	6.192	0.074	9.157	0.016	9.175	-0.012	9.193	-0.024	9.212	-0.038
6.198	0.048	6.208	0.034	6.222	0.034	6.231	0.078	9.225	-0.042	9.244	-0.068	9.254	-0.086	9.273	-0.090
6.243	0.054	6.254	0.078	6.261	0.050	6.270	0.005	9.289	-0.074	9.306	-0.028	9.322	0.029	9.338	0.065
6.275	-0.029	6.285	-0.039	6.297	-0.017	6.307	0.003	9.353	0.087	9.371	0.073	9.384	0.017	9.405	-0.036
6.316	0.003	6.327	-0.023	6.345	-0.071	6.354	-0.111	9.413	-0.036	9.439	-0.044	9.453	-0.056	9.476	-0.074
6.366	-0.138	6.378	-0.128	6.397	-0.069	6.409	-0.025	9.488	-0.048	9.506	0.001	9.526	0.057	9.540	0.079
6.420	-0.005	6.432	0.035	6.449	0.006	6.463	0.026	9.550	0.069	9.569	0.029	9.584	0.014	9.603	0.030
6.475	0.038	6.484	0.028	6.502	-0.018	6.514	-0.052	9.618	0.039	9.633	0.034	9.646	0.032	9.663	0.063
6.525	-0.044	6.538	-0.014	6.547	0.056	6.558	0.077	9.672	0.073	9.681	0.067	9.701	0.032	9.714	0.006
6.567	0.067	6.580	0.030	6.592	0.002	6.604	0.012	9.722	0.012	9.745	0.056	9.758	0.089	9.766	0.093
6.619	0.071	6.632	0.105	6.641	0.127	6.655	0.117								

9.776	0.078	9.795	0.010	9.802	-0.014	9.813	-0.030	13.091	-0.057	13.108	-0.055	13.129	-0.053	13.145	-0.077
9.831	-0.008	9.843	-0.002	9.857	0.000	9.877	-0.012	13.158	-0.094	13.167	-0.096	13.179	-0.071	13.214	0.046
9.894	-0.027	9.911	-0.053	9.925	-0.069	9.936	-0.077	13.225	0.074	13.237	0.080	13.244	0.074	13.279	0.019
9.948	-0.051	9.964	-0.021	9.976	0.001	9.985	0.011	13.293	0.003	13.308	0.009	13.330	0.039	13.340	0.043
10.001	-0.005	10.016	-0.021	10.032	-0.033	10.049	-0.021	13.355	0.031	13.370	0.025	13.393	0.055	13.408	0.067
10.061	-0.007	10.076	-0.015	10.092	-0.045	10.102	-0.072	13.419	0.047	13.442	-0.008	13.457	-0.012	13.470	-0.006
10.114	-0.080	10.126	-0.058	10.137	-0.033	10.147	-0.013	13.487	0.010	13.496	0.026	13.510	0.008	13.528	-0.014
10.163	-0.007	10.180	-0.001	10.191	0.011	10.205	0.009	13.535	-0.018	13.547	-0.018	13.563	-0.010	13.583	0.002
10.220	0.003	10.228	-0.005	10.241	0.023	10.249	0.053	13.603	0.024	13.619	0.030	13.631	0.024	13.642	0.016
10.264	0.104	10.274	0.134	10.285	0.134	10.296	0.108	13.660	0.000	13.666	-0.008	13.678	-0.010	13.696	-0.014
10.305	0.076	10.318	0.028	10.328	-0.009	10.337	-0.019	13.708	-0.020	13.716	-0.032	13.728	-0.047	13.741	-0.069
10.356	-0.018	10.372	0.000	10.384	0.006	10.398	0.000	13.750	-0.077	13.766	-0.073	13.781	-0.067	13.795	-0.063
10.412	0.002	10.422	0.000	10.434	0.020	10.452	0.044	13.815	-0.063	13.822	-0.059	13.843	-0.037	13.857	-0.023
10.468	0.068	10.481	0.090	10.491	0.076	10.509	0.054	13.867	-0.025	13.892	-0.031	13.905	-0.035	13.920	-0.031
10.525	0.038	10.540	0.026	10.556	0.022	10.578	0.054	13.940	-0.005	13.960	-0.033	13.974	-0.049	13.983	0.051
10.592	0.073	10.605	0.081	10.622	0.075	10.631	0.067	13.996	0.037	14.018	0.013	14.034	-0.001	14.054	-0.029
10.642	0.061	10.660	0.065	10.676	0.059	10.694	0.033	14.065	-0.037	14.086	-0.027	14.103	-0.032	14.123	-0.050
10.712	0.007	10.728	-0.006	10.746	0.010	10.761	0.016	14.140	-0.046	14.156	-0.032	14.184	-0.022	14.203	-0.004
10.774	0.006	10.783	0.002	10.797	0.002	10.811	-0.009	14.220	0.008	14.229	-0.002	14.255	-0.038	14.272	-0.062
10.824	-0.027	10.837	-0.038	10.847	-0.030	10.861	-0.025	14.291	-0.078	14.304	-0.074	14.328	-0.058	14.340	-0.048
10.876	-0.011	10.893	0.004	10.898	-0.002	10.913	-0.021	14.361	-0.038	14.375	-0.014	14.396	0.024	14.411	0.042
10.928	-0.044	10.943	-0.064	10.952	-0.062	10.978	-0.045	14.421	0.042	14.426	0.026	14.451	-0.034	14.461	-0.050
10.995	-0.031	11.004	-0.011	11.029	0.043	11.042	0.058	14.472	-0.057	14.488	-0.046	14.515	-0.006	14.528	0.004
11.051	0.056	11.076	-0.025	11.087	-0.041	11.095	-0.045	14.543	0.018	14.562	0.018	14.587	0.010	14.607	0.004
11.105	-0.035	11.118	-0.017	11.127	-0.016	11.145	-0.028	14.636	-0.018	14.657	-0.028	14.674	-0.037	14.693	-0.043
11.155	-0.028	11.169	-0.014	11.191	0.024	11.203	0.032	14.706	-0.030	14.722	-0.008	14.734	-0.006	14.760	-0.032
11.211	0.024	11.233	-0.024	11.245	-0.044	11.253	-0.052	14.777	-0.039	14.789	-0.030	14.820	0.006	14.836	0.020
11.268	-0.050	11.283	-0.042	11.298	-0.027	11.325	0.023	14.868	0.026	14.885	0.026	14.905	0.004	14.925	-0.002
11.337	0.033	11.349	0.021	11.370	-0.003	11.384	0.003	14.938	0.010	14.959	0.036	14.974	0.038	14.997	0.022
11.401	0.023	11.421	0.066	11.435	0.084	11.453	0.116	15.020	0.028	15.041	0.014	15.059	-0.002	15.086	-0.002
11.467	0.145	11.480	0.155	11.489	0.147	11.511	0.096	15.100	0.006	15.118	0.030	15.136	0.030	15.161	-0.006
11.521	0.076	11.530	0.068	11.537	0.076	11.555	0.091	15.177	-0.032	15.197	-0.038	15.211	-0.030	15.234	-0.006
11.564	0.097	11.580	0.079	11.606	0.046	11.621	0.041	15.256	0.012	15.273	0.026	15.297	0.038	15.317	0.040
11.644	0.049	11.658	0.039	11.674	0.025	11.684	0.033	15.326	0.038	15.348	0.028	15.367	0.008	15.382	-0.008
11.698	0.049	11.715	0.063	11.729	0.055	11.753	0.029	15.394	-0.002	15.415	0.012	15.428	0.016	15.439	0.002
11.781	-0.011	11.790	-0.029	11.808	-0.069	11.820	-0.080	15.455	-0.010	15.463	-0.008	15.477	0.002	15.487	0.014
11.835	-0.073	11.853	-0.045	11.869	-0.033	11.878	-0.035	15.501	0.022	15.510	0.020	15.520	0.011	15.538	-0.011
11.907	-0.065	11.926	-0.081	11.943	-0.095	11.954	-0.097	15.551	-0.019	15.562	-0.015	15.573	-0.011	15.582	-0.009
11.967	-0.065	11.980	-0.035	11.992	-0.014	12.001	-0.018	15.594	-0.013	15.606	-0.029	15.616	-0.035	15.627	-0.033
12.019	-0.037	12.034	-0.045	12.050	-0.034	12.073	0.008	15.635	-0.023	15.646	-0.011	15.658	-0.007	15.670	-0.011
12.083	0.020	12.099	0.018	12.116	0.014	12.136	0.024	15.680	-0.021	15.693	-0.016	15.708	-0.006	15.717	-0.000
12.147	0.020	12.162	0.012	12.175	0.012	12.189	0.018	15.728	-0.004	15.758	-0.040	15.765	-0.050	15.778	-0.042
12.203	0.033	12.215	0.041	12.225	0.039	12.235	0.025	15.807	-0.016	15.827	-0.004	15.854	0.008	15.893	0.054
12.244	0.017	12.261	0.009	12.277	0.017	12.291	0.025	15.908	-0.068	15.930	0.052	15.958	0.020	15.985	0.004
12.313	0.047	12.334	0.073	12.345	0.089	12.357	0.102	15.992	0.004	16.012	0.020	16.034	0.034	16.044	0.038
12.369	0.100	12.382	0.088	12.396	0.063	12.406	0.037	16.072	0.032	16.082	0.040	16.100	0.056	16.113	0.060
12.415	0.007	12.428	-0.019	12.439	-0.035	12.456	-0.039	16.126	0.050	16.160	0.018	16.177	0.010	16.192	0.012
12.473	-0.043	12.502	-0.089	12.517	-0.098	12.527	-0.090	16.213	0.016	16.222	0.008	16.248	-0.016	16.264	-0.022
12.560	-0.035	12.581	-0.015	12.600	-0.007	12.620	-0.007	16.287	-0.018	16.299	-0.016	16.320	-0.020	16.338	-0.026
12.633	-0.015	12.657	-0.047	12.666	-0.053	12.676	-0.039	16.347	-0.030	16.364	-0.010	16.405	0.052	16.419	0.072
12.709	0.023	12.722	0.039	12.731	0.033	12.751	0.021	16.431	0.078	16.440	0.068	16.469	0.034	16.485	0.012
12.772	0.007	12.791	-0.003	12.803	-0.006	12.814	0.004	16.502	0.006	16.518	0.012	16.547	0.028	16.562	0.034
12.842	0.059	12.853	0.073	12.862	0.067	12.879	0.042	16.574	0.024	16.600	0.016	16.620	0.004	16.647	-0.000
12.895	0.016	12.906	0.008	12.917	0.008	12.937	0.016	16.660	-0.002	16.683	-0.006	16.698	0.002	16.722	0.022
12.948	0.008	12.972	-0.007	12.989	-0.021	13.004	-0.017	16.733	0.036	16.748	0.045	16.756	0.041	16.778	0.027
13.026	-0.001	13.044	0.007	13.056	-0.007	13.077	-0.045	16.796	0.016	16.813	0.010	16.827	0.013	16.842	0.021

16.858	0.015	16.875	-0.005	16.911	0.011	21.036	0.016	21.056	0.014	21.084	-0.010	21.103	-0.018
16.937	0.023	16.957	0.029	16.982	0.029	21.118	-0.012	21.150	0.040	21.170	0.052	21.191	0.048
17.030	-0.006	17.047	-0.016	17.060	0.012	21.214	0.038	21.231	0.034	21.258	0.040	21.283	0.038
17.119	0.036	17.136	0.036	17.148	-0.008	21.311	0.028	21.341	0.037	21.368	0.021	21.397	0.003
17.191	0.018	17.207	-0.006	17.223	0.004	21.433	0.002	21.453	0.008	21.477	0.023	21.508	0.045
17.261	-0.012	17.275	-0.020	17.295	-0.028	21.516	0.048	21.537	0.052	21.549	0.060	21.563	0.074
17.328	-0.026	17.350	-0.020	17.390	-0.003	21.577	0.081	21.583	0.071	21.603	0.071	21.627	0.041
17.425	0.023	17.441	0.026	17.458	0.016	21.639	0.031	21.656	0.028	21.669	0.020	21.682	0.006
17.526	-0.035	17.548	-0.037	17.585	0.038	21.694	-0.002	21.704	-0.016	21.716	-0.020	21.731	-0.020
17.603	-0.008	17.610	-0.016	17.626	-0.033	21.746	-0.016	21.760	-0.014	21.770	-0.016	21.779	-0.022
17.651	-0.033	17.657	-0.030	17.672	-0.038	21.793	-0.028	21.803	-0.037	21.814	-0.043	21.822	-0.045
17.712	0.018	17.723	-0.014	17.742	-0.004	21.830	-0.041	21.844	-0.030	21.860	-0.016	21.871	-0.006
17.774	0.032	17.789	0.030	17.807	0.012	21.881	-0.002	21.892	-0.008	21.901	-0.014	21.910	-0.004
17.834	-0.002	17.857	0.015	17.872	0.029	21.919	-0.012	21.933	-0.002	21.946	0.002	21.961	-0.004
17.897	0.015	17.911	0.015	17.923	0.029	21.979	-0.018	21.994	-0.033	22.007	-0.035	22.021	-0.029
17.963	0.074	17.978	0.078	17.993	0.080	22.049	-0.009	22.066	-0.005	22.079	-0.011	22.102	-0.025
18.017	0.056	18.042	0.028	18.056	0.018	22.118	-0.033	22.133	-0.031	22.148	-0.025	22.175	-0.011
18.094	0.036	18.110	-0.022	18.128	-0.039	22.190	-0.005	22.208	0.005	22.217	0.003	22.226	-0.001
18.155	-0.030	18.165	-0.012	18.176	-0.022	22.248	-0.011	22.260	-0.007	22.283	-0.001	22.308	-0.020
18.204	-0.047	18.213	-0.051	18.226	-0.047	22.334	-0.034	22.349	-0.030	22.376	-0.024	22.394	-0.020
18.253	-0.047	18.269	-0.059	18.283	-0.063	22.410	-0.024	22.435	-0.024	22.455	-0.022	22.470	-0.020
18.320	-0.028	18.345	-0.042	18.354	-0.042	22.485	-0.016	22.503	-0.010	22.520	-0.010	22.534	-0.012
18.400	0.006	18.419	0.020	18.448	0.057	22.548	-0.008	22.569	0.012	22.584	0.018	22.600	0.016
18.470	0.059	18.494	0.041	18.507	0.033	22.611	0.012	22.623	0.024	22.635	0.032	22.644	0.034
18.545	0.035	18.555	0.031	18.564	0.025	22.659	0.026	22.680	0.018	22.691	0.016	22.707	0.018
18.586	0.040	18.591	0.046	18.605	0.060	22.722	0.012	22.740	0.002	22.754	0.006	22.773	0.010
18.621	0.050	18.643	0.016	18.661	-0.002	22.793	0.012	22.811	0.012	22.829	0.016	22.848	0.016
18.702	0.018	18.716	0.012	18.743	-0.002	22.866	0.012	22.883	0.006	22.900	-0.006	22.915	-0.004
18.782	0.010	18.794	0.014	18.798	0.012	22.939	-0.002	22.951	-0.010	22.966	-0.016	22.984	-0.012
18.824	-0.002	18.845	-0.010	18.869	-0.018	23.000	-0.010	23.020	-0.014	23.032	-0.018	23.052	-0.028
18.904	-0.002	18.920	-0.012	18.941	0.024	23.073	-0.018	23.100	-0.022	23.121	-0.024	23.135	-0.028
18.988	0.010	19.008	-0.016	19.019	-0.026	23.166	-0.028	23.179	-0.026	23.199	-0.021	23.207	-0.019
19.052	-0.030	19.078	-0.011	19.095	0.003	23.233	-0.021	23.257	-0.023	23.269	-0.021	23.286	-0.013
19.129	-0.003	19.154	-0.026	19.175	-0.050	23.304	-0.005	23.322	-0.011	23.334	-0.013	23.348	-0.010
19.216	-0.080	19.232	-0.080	19.241	-0.074	23.369	0.006	23.381	0.008	23.392	0.010	23.402	0.006
19.291	-0.012	19.306	-0.022	19.321	-0.040	23.421	-0.010	23.433	-0.014	23.444	-0.006	23.459	0.004
19.348	-0.044	19.374	-0.026	19.386	-0.012	23.473	0.004	23.483	-0.006	23.504	-0.024	23.515	-0.032
19.413	-0.022	19.428	-0.028	19.444	-0.022	23.526	-0.030	23.542	-0.023	23.552	-0.019	23.564	-0.021
19.485	-0.000	19.496	0.001	19.511	-0.007	23.578	-0.027	23.593	-0.035	23.600	-0.039	23.609	-0.035
19.537	-0.013	19.559	-0.005	19.576	0.001	23.628	-0.025	23.642	-0.025	23.649	-0.025	23.662	-0.033
19.627	0.005	19.651	0.011	19.665	0.015	23.682	-0.049	23.694	-0.057	23.704	-0.057	23.718	-0.051
19.703	0.031	19.726	0.023	19.751	0.015	23.727	-0.047	23.747	-0.039	23.772	-0.025	23.796	-0.020
19.800	0.001	19.821	-0.005	19.838	-0.009	23.818	-0.015	23.831	-0.019	23.855	-0.027	23.875	-0.035
19.865	-0.004	19.889	0.012	19.904	0.014	23.887	-0.039	23.903	-0.035	23.920	-0.027	23.938	-0.019
19.950	0.002	19.967	0.008	20.000	0.022	23.952	-0.015	23.970	-0.019	23.976	-0.023	23.997	-0.013
20.033	0.056	20.045	0.053	20.057	0.049	24.009	-0.014	24.021	-0.022	24.036	-0.032	24.049	-0.036
20.105	0.023	20.121	0.027	20.138	0.033	24.066	-0.034	24.089	-0.032	24.102	-0.029	24.125	-0.017
20.163	0.019	20.184	-0.011	20.200	-0.027	24.147	-0.013	24.162	-0.003	24.177	0.009	24.188	0.009
20.233	-0.044	20.252	-0.052	20.273	-0.056	24.203	-0.015	24.220	-0.021	24.233	-0.025	24.258	-0.022
20.323	-0.020	20.351	-0.006	20.371	0.002	24.270	-0.026	24.291	-0.042	24.312	-0.052	24.322	-0.054
20.407	-0.018	20.458	-0.022	20.476	-0.019	24.338	-0.044	24.363	-0.020	24.384	-0.004	24.399	0.002
20.515	0.017	20.529	0.019	20.551	0.011	24.429	0.004	24.454	0.012	24.474	0.004	24.496	-0.004
20.590	-0.003	20.615	0.011	20.650	0.033	24.512	-0.001	24.529	0.011	24.541	0.011	24.566	0.007
20.680	0.031	20.704	0.005	20.728	-0.029	24.581	0.017	24.597	0.031	24.609	0.029	24.628	0.015
20.775	-0.044	20.804	-0.054	20.827	-0.056	24.644	0.007	24.657	0.005	24.685	0.007	24.709	0.005
20.899	-0.024	20.928	-0.016	20.960	0.002	24.726	0.001	24.751	-0.009	24.777	-0.021	24.799	-0.033

24.814	-0.041	24.834	-0.039	24.857	-0.037	24.878	-0.047	28.660	-0.018	28.695	-0.018	28.737	-0.016	28.766	-0.026
24.836	-0.055	24.905	-0.055	24.920	-0.045	24.956	-0.018	28.791	-0.024	28.818	-0.030	28.840	-0.040	28.875	-0.047
24.975	-0.014	24.999	-0.016	25.026	-0.026	25.039	-0.028	28.887	-0.035	28.903	-0.069	28.921	-0.083	28.939	-0.083
25.052	-0.022	25.074	-0.004	25.086	0.004	25.107	0.004	28.960	-0.083	28.974	-0.085	28.999	-0.073	29.027	-0.055
25.124	0.010	25.138	0.022	25.149	0.032	25.157	0.036	29.043	-0.031	29.077	-0.043	29.095	-0.039	29.110	-0.033
25.170	0.032	25.185	0.022	25.193	0.022	25.214	0.022	29.134	-0.016	29.149	-0.002	29.167	0.006	29.184	0.002
25.227	0.016	25.244	0.016	25.268	0.018	25.283	0.022	29.199	0.000	29.215	0.002	29.242	0.008	29.259	0.018
25.299	0.026	25.321	0.032	25.339	0.030	25.354	0.024	29.272	0.020	29.292	0.010	29.309	0.016	29.315	0.018
25.377	0.018	25.398	0.010	25.417	0.006	25.434	0.008	29.346	0.026	29.358	0.028	29.371	0.024	29.394	0.016
25.451	0.012	25.463	0.010	25.484	0.002	25.502	-0.008	29.409	0.015	29.424	0.015	29.441	0.019	29.459	0.015
25.520	-0.008	25.543	-0.004	25.564	0.000	25.582	0.008	29.480	0.001	29.497	-0.001	29.517	-0.001	29.530	0.001
25.601	0.024	25.615	0.028	25.630	0.018	25.649	0.004	29.550	0.001	29.570	-0.003	29.579	-0.009	29.598	-0.023
25.661	0.008	25.676	0.018	25.694	0.010	25.707	-0.002	29.610	-0.025	29.620	-0.023	29.638	-0.011	29.661	0.003
25.720	-0.006	25.735	0.004	25.746	0.012	25.756	0.018	29.685	0.017	29.707	0.021	29.733	0.025	29.797	0.025
25.767	0.006	25.781	-0.008	25.798	-0.014	25.813	-0.010	29.819	0.031	29.839	0.034	29.867	0.018	29.890	0.004
25.834	-0.000	25.858	0.010	25.875	0.023	25.889	0.029	29.925	0.010	29.951	0.008	29.974	0.014	30.014	0.014
25.908	0.023	25.936	0.017	25.956	0.017	25.974	0.009	30.039	0.016	30.052	0.018	30.072	0.012	30.095	0.004
25.986	0.013	26.014	0.023	26.037	0.015	26.049	0.013	30.114	0.006	30.139	0.014	30.161	0.016	30.181	0.014
26.060	0.019	26.079	0.031	26.094	0.037	26.113	0.031	30.201	0.008	30.220	-0.008	30.247	-0.005	30.262	-0.013
26.141	0.018	26.156	0.012	26.167	0.010	26.179	0.016	30.282	-0.029	30.295	-0.035	30.306	-0.029	30.327	-0.011
26.195	0.024	26.208	0.024	26.217	0.020	26.249	0.020	30.341	-0.005	30.357	-0.013	30.375	-0.021	30.413	-0.021
26.263	0.018	26.286	0.010	26.300	0.008	26.330	0.010	30.431	-0.009	30.452	-0.007	30.475	-0.005	30.500	-0.005
26.351	-0.000	26.382	0.010	26.392	0.008	26.415	-0.002	30.530	-0.006	30.548	-0.006	30.583	-0.020	30.601	0.036
26.430	0.006	26.449	0.019	26.464	0.027	26.477	0.029	30.612	-0.036	30.628	0.032	30.647	0.032	30.666	0.032
26.493	0.023	26.511	0.019	26.524	0.023	26.539	0.027	30.687	0.035	30.697	0.037	30.711	0.045	30.719	0.045
26.550	0.023	26.563	0.019	26.578	0.009	26.589	0.011	30.736	0.029	30.748	0.031	30.760	0.027	30.781	0.017
26.604	0.017	26.615	0.021	26.628	0.019	26.643	0.015	30.791	0.025	30.817	0.033	30.846	0.040	30.865	0.034
26.658	0.003	26.671	-0.003	26.683	-0.001	26.692	0.007	30.886	0.024	30.913	0.006	30.932	-0.002	30.950	0.006
26.706	0.008	26.716	-0.004	26.730	-0.016	26.745	-0.028	30.980	0.016	31.008	0.022	31.025	-0.022	31.048	0.014
26.755	-0.030	26.764	-0.024	26.779	-0.008	26.793	0.014	31.071	0.004	31.088	-0.004	31.104	-0.004	31.134	0.001
26.806	0.022	26.818	0.016	26.836	0.006	26.845	0.002	31.169	0.009	31.199	0.011	31.223	0.013	31.240	0.019
26.855	0.006	26.872	0.016	26.892	0.013	26.918	-0.001	31.259	0.021	31.279	0.023	31.293	0.025	31.318	0.023
26.935	-0.011	26.941	-0.013	26.962	-0.013	26.972	-0.011	31.337	0.015	31.348	0.011	31.374	0.005	31.400	-0.003
26.997	-0.007	27.019	-0.007	27.034	-0.001	27.045	-0.003	31.417	-0.001	31.429	0.005	31.451	-0.005	31.477	-0.017
27.064	-0.013	27.084	-0.029	27.100	-0.033	27.115	-0.027	31.508	-0.009	31.530	-0.015	31.563	-0.026	31.590	-0.036
27.133	-0.013	27.151	-0.004	27.171	-0.004	27.183	-0.006	31.610	-0.030	31.631	-0.018	31.654	-0.022	31.680	-0.036
27.199	-0.008	27.213	-0.018	27.223	-0.022	27.232	-0.020	31.700	-0.044	31.715	-0.038	31.737	-0.030	31.757	-0.034
27.253	-0.012	27.282	0.002	27.300	-0.008	27.318	-0.018	31.779	-0.034	31.803	-0.042	31.815	-0.042	31.840	-0.028
27.330	-0.020	27.358	-0.004	27.379	-0.020	27.397	-0.028	31.852	-0.020	31.863	-0.022	31.884	-0.031	31.901	-0.031
27.410	-0.024	27.431	-0.016	27.446	-0.004	27.466	-0.003	31.917	-0.025	31.942	-0.009	31.955	-0.007	31.974	-0.009
27.486	-0.005	27.506	-0.015	27.537	-0.033	27.556	-0.049	31.994	-0.005	32.012	-0.009	32.027	0.015	32.039	0.011
27.580	-0.059	27.603	-0.063	27.614	-0.063	27.623	-0.063	32.058	0.003	32.075	-0.005	32.093	0.001	32.129	0.007
27.640	-0.059	27.645	-0.057	27.658	-0.047	27.680	-0.041	32.149	0.011	32.171	-0.003	32.178	-0.005	32.209	-0.015
27.703	-0.045	27.726	-0.043	27.744	-0.037	27.791	-0.035	32.236	-0.019	32.267	-0.025	32.284	-0.019	32.308	-0.007
27.806	-0.033	27.822	-0.020	27.848	-0.010	27.866	0.016	32.313	-0.001	32.325	-0.003	32.337	0.003	32.361	-0.011
27.881	0.006	27.901	-0.004	27.918	-0.002	27.937	0.002	32.366	-0.011	32.394	-0.008	32.419	-0.004	32.440	-0.002
27.954	0.008	28.057	0.006	28.000	0.006	28.019	0.010	32.450	0.002	32.472	-0.008	32.487	-0.016	32.506	-0.023
28.038	0.014	28.077	0.020	28.075	0.026	28.090	0.026	32.528	-0.026	32.561	-0.016	32.586	-0.008	32.594	-0.002
28.107	0.018	28.132	0.002	28.138	-0.006	28.171	-0.014	32.613	-0.010	32.620	-0.016	32.638	-0.028	32.651	-0.034
28.181	-0.019	28.202	-0.035	28.222	-0.031	28.244	-0.025	32.654	-0.032	32.665	-0.032	32.677	-0.024	32.702	-0.016
28.264	-0.017	28.279	-0.009	28.295	-0.003	28.302	-0.013	32.717	-0.016	32.737	-0.018	32.754	-0.020	32.770	-0.016
28.323	-0.045	28.340	-0.063	28.352	-0.065	28.362	-0.055	32.784	-0.016	32.799	-0.010	32.811	-0.010	32.822	-0.014
28.380	-0.035	28.391	-0.031	28.410	-0.047	28.436	-0.041	32.834	-0.022	32.847	-0.026	32.858	-0.034	32.868	-0.032
28.452	-0.029	28.471	-0.021	28.491	-0.037	28.514	-0.029	32.881	-0.030	32.897	-0.028	32.911	-0.024	32.921	-0.026
28.528	-0.029	28.541	-0.032	28.551	-0.042	28.567	-0.054	32.936	-0.034	32.949	-0.040	32.957	-0.046	32.965	-0.044
28.585	-0.050	28.599	-0.044	28.614	-0.028	28.627	-0.024	32.976	-0.040	32.988	-0.034	32.999	-0.032	33.014	-0.024

33.026	-0.028	33.038	-0.036	33.049	-0.042	33.061	-0.038	36.630	-0.048	36.647	-0.042	36.664	-0.038	36.683	-0.036
33.075	-0.033	33.090	-0.029	33.107	-0.027	33.122	-0.029	36.696	-0.034	36.717	-0.038	36.738	-0.041	36.753	-0.043
33.133	-0.035	33.144	-0.042	33.155	-0.040	33.170	-0.034	36.769	-0.037	36.795	-0.033	36.818	-0.032	36.846	-0.032
33.187	-0.028	33.198	-0.025	33.211	-0.023	33.224	-0.021	36.867	-0.033	36.891	-0.033	36.915	-0.032	36.936	-0.028
33.236	-0.023	33.251	-0.029	33.267	-0.034	33.287	-0.034	36.951	-0.022	36.970	-0.020	36.990	-0.022	37.013	-0.024
33.301	-0.040	33.312	-0.048	33.320	-0.056	33.330	-0.052	37.028	-0.030	37.048	-0.036	37.063	-0.032	37.079	-0.030
33.341	-0.052	33.352	-0.046	33.369	-0.031	33.384	-0.027	37.104	-0.030	37.120	-0.026	37.138	-0.024	37.156	-0.020
*33.396	-0.025	33.409	-0.021	33.420	-0.020	33.432	-0.018	37.176	-0.024	37.198	-0.024	37.228	-0.024	37.244	-0.026
33.444	-0.022	33.455	-0.026	33.466	-0.032	33.474	-0.032	37.258	-0.024	37.273	-0.020	37.295	-0.012	37.308	-0.006
33.487	-0.026	33.498	-0.023	33.509	-0.015	33.519	-0.011	37.325	-0.000	37.345	-0.004	37.358	-0.003	37.379	-0.005
33.527	-0.007	33.537	-0.003	33.545	-0.003	33.554	-0.007	37.397	-0.007	37.423	-0.019	37.443	-0.023	37.461	-0.027
33.565	-0.007	33.578	-0.001	33.592	-0.004	33.607	-0.008	37.487	-0.027	37.518	-0.027	37.535	-0.027	37.560	-0.035
33.617	-0.010	33.632	-0.012	33.648	-0.012	33.663	-0.010	37.578	-0.038	37.602	-0.034	37.626	-0.028	37.646	-0.024
33.677	-0.006	33.697	-0.016	33.705	-0.022	33.720	-0.022	37.679	-0.024	37.699	-0.020	37.726	-0.026	37.750	-0.032
33.728	-0.012	33.742	-0.012	33.755	-0.000	33.764	-0.006	37.779	-0.018	37.796	-0.010	37.827	-0.014	37.846	-0.016
33.775	-0.004	33.790	-0.004	33.801	-0.002	33.811	-0.008	37.876	-0.012	37.909	-0.010	37.930	-0.002	37.952	-0.006
33.827	-0.016	33.843	-0.016	33.853	-0.016	33.875	-0.021	37.981	-0.010	38.005	-0.012	38.035	-0.010	38.053	-0.014
33.889	-0.025	33.908	-0.025	33.926	-0.025	33.942	-0.022	38.077	-0.024	38.091	-0.026	38.108	-0.022	38.133	-0.020
33.961	-0.018	33.976	-0.014	33.991	-0.011	34.004	-0.007	38.145	-0.016	38.166	-0.022	38.182	-0.022	38.212	-0.016
34.014	-0.003	34.023	-0.001	34.037	-0.005	34.054	-0.008	38.237	-0.014	38.255	-0.018	38.278	-0.022	38.304	-0.024
34.065	-0.010	34.083	-0.006	34.097	-0.002	34.109	-0.006	38.340	-0.025	38.352	-0.027	38.373	-0.031	38.396	-0.035
34.124	-0.011	34.141	-0.017	34.156	-0.023	34.175	-0.021	38.431	-0.031	38.458	-0.027	38.487	-0.023	38.537	-0.021
34.201	-0.023	34.223	-0.023	34.246	-0.024	34.265	-0.022	38.557	-0.019	38.576	-0.009	38.599	-0.001	38.613	-0.003
34.285	-0.024	34.304	-0.020	34.325	-0.020	34.340	-0.028	38.639	-0.006	38.655	-0.010	38.672	-0.008	38.697	-0.008
34.354	-0.026	34.371	-0.018	34.390	-0.009	34.407	-0.001	38.717	-0.012	38.733	-0.010	38.757	-0.004	38.783	-0.004
34.423	-0.007	34.433	-0.011	34.450	-0.015	34.467	-0.021	38.805	-0.002	38.833	-0.006	38.859	-0.006	38.877	-0.006
34.483	-0.019	34.497	-0.021	34.512	-0.024	34.527	-0.028	38.895	-0.002	38.913	-0.001	38.928	-0.003	38.940	-0.001
34.538	-0.032	34.559	-0.040	34.572	-0.044	34.594	-0.048	38.957	-0.005	38.976	-0.009	38.989	-0.009	39.010	-0.011
34.618	-0.050	34.638	-0.043	34.649	-0.041	34.662	-0.047	39.031	-0.011	39.048	-0.011	39.065	-0.013	39.081	-0.017
34.672	-0.051	34.689	-0.053	34.704	-0.057	34.716	-0.057	39.100	-0.019	39.125	-0.017	39.145	-0.013	39.166	-0.011
34.733	-0.043	34.757	-0.043	34.773	-0.035	34.785	-0.039	39.188	-0.017	39.205	-0.017	39.227	-0.009	39.247	-0.005
34.799	-0.047	34.813	-0.054	34.822	-0.058	34.833	-0.056	39.277	-0.009	39.301	-0.009	39.319	-0.013	39.339	-0.005
34.847	-0.050	34.861	-0.040	34.878	-0.032	34.894	-0.028	39.357	-0.001	39.379	-0.009	39.404	-0.021	39.427	-0.021
34.908	-0.026	34.921	-0.032	34.935	-0.034	34.952	-0.032	39.452	-0.025	39.475	-0.033	39.502	-0.037	39.526	-0.037
34.969	-0.028	34.983	-0.024	34.992	-0.020	35.005	-0.026	39.546	-0.039	39.571	-0.035	39.603	-0.037	39.629	-0.039
35.019	-0.030	35.032	-0.030	35.050	-0.028	35.069	-0.032	39.658	-0.037	39.691	-0.033	39.719	-0.023	39.739	-0.021
35.083	-0.032	35.107	-0.032	35.126	-0.032	35.142	-0.036	39.758	-0.027	39.780	-0.035	39.797	-0.035	39.811	-0.027
35.152	-0.040	35.172	-0.036	35.194	-0.032	35.211	-0.024	39.830	-0.017	39.841	-0.013	39.855	-0.013	39.865	-0.017
35.232	-0.016	35.259	-0.016	35.286	-0.012	35.304	-0.010	39.884	-0.025	39.898	-0.030	39.916	-0.032	39.941	-0.030
35.325	-0.014	35.345	-0.006	35.362	-0.006	35.383	-0.008	39.956	-0.026	39.985	-0.022	40.005	-0.022	40.030	-0.028
35.402	-0.009	35.421	-0.011	35.446	-0.009	35.465	-0.009	40.051	-0.032	40.072	-0.038	40.091	-0.036	40.109	-0.032
35.480	-0.017	35.495	-0.017	35.511	-0.019	35.534	-0.019	40.129	-0.040	40.161	-0.040	40.209	-0.040	40.229	-0.036
35.559	-0.019	35.579	-0.023	35.610	-0.027	35.624	-0.025	40.251	-0.028	40.269	-0.022	40.295	-0.024	40.321	-0.028
35.644	-0.021	35.656	-0.019	35.676	-0.018	35.694	-0.020	40.346	-0.033	40.368	-0.028	40.389	-0.018	40.412	-0.022
35.713	-0.026	35.727	-0.028	35.738	-0.022	35.756	-0.016	40.454	-0.022	40.475	-0.022	40.496	-0.022	40.514	-0.022
35.774	-0.004	35.789	-0.002	35.822	-0.004	35.850	-0.004	40.528	-0.026	40.546	-0.022	40.570	-0.016	40.593	-0.012
35.873	-0.000	35.895	-0.004	35.906	-0.008	35.924	-0.004	40.617	-0.004	40.630	-0.002	40.648	-0.008	40.665	-0.012
35.939	-0.000	35.956	-0.002	35.976	-0.000	35.991	-0.001	40.673	-0.016	40.701	-0.018	40.717	-0.012	40.745	-0.000
36.017	-0.003	36.042	-0.003	36.069	-0.005	36.084	-0.001	40.764	-0.006	40.778	-0.002	40.811	-0.002	40.825	-0.002
36.108	-0.001	36.127	-0.003	36.152	-0.017	36.169	-0.027	40.852	-0.002	40.879	-0.006	40.923	-0.016	40.970	-0.028
36.185	-0.025	36.203	-0.023	36.222	-0.023	36.246	-0.033	40.994	-0.002	41.020	-0.019	41.029	-0.015	41.049	-0.017
36.269	-0.039	36.293	-0.035	36.315	-0.037	36.339	-0.035	41.068	-0.015	41.104	-0.015	41.144	-0.021	41.163	-0.025
36.357	-0.041	36.377	-0.045	36.390	-0.043	36.407	-0.041	41.190	-0.029	41.211	-0.023	41.229	-0.023	41.252	-0.015
36.421	-0.046	36.451	-0.046	36.451	-0.052	36.462	-0.050	41.266	-0.008	41.286	-0.008	41.295	-0.008	41.308	-0.012
36.483	-0.044	36.501	-0.036	36.516	-0.036	36.536	-0.042	41.331	-0.016	41.351	-0.016	41.377	-0.008	41.400	-0.000
36.557	-0.044	36.582	-0.044	36.597	-0.046	36.617	-0.052	41.432	-0.004	41.452	-0.000	41.475	-0.006	41.496	-0.000

41.537	0.016	41.558	0.024	41.573	0.020	41.591	0.014	46.039	0.004	46.051	0.001	46.066	-0.003	46.085	-0.001
41.609	0.010	41.633	0.012	41.657	0.012	41.683	0.012	46.100	0.001	46.120	0.001	46.139	0.001	46.152	-0.003
41.694	0.016	41.709	0.020	41.722	0.024	41.734	0.018	46.167	-0.009	46.187	-0.013	46.209	-0.016	46.227	-0.016
41.746	0.016	41.757	0.014	41.778	0.014	41.790	0.018	46.254	-0.016	46.275	-0.016	46.292	-0.012	46.312	-0.014
41.809	0.020	41.827	0.020	41.844	0.020	41.856	0.016	46.334	-0.014	46.363	-0.012	46.385	-0.014	46.403	-0.016
41.870	0.014	41.888	0.010	41.898	0.012	41.912	0.014	46.429	-0.016	46.455	-0.016	46.487	-0.016	46.519	-0.016
41.930	0.018	41.945	0.020	41.987	0.020	42.006	0.018	46.549	-0.014	46.564	-0.016	46.585	-0.004	46.602	-0.002
42.027	0.016	42.041	0.014	42.060	0.012	42.093	0.018	46.626	-0.006	46.655	-0.008	46.696	-0.008	46.723	-0.008
42.104	0.006	42.122	0.002	42.141	-0.004	42.170	-0.005	46.747	-0.008	46.773	-0.012	46.805	-0.013	46.835	-0.015
42.211	-0.005	42.232	-0.009	42.250	-0.014	42.272	-0.012	46.869	-0.015	46.898	-0.017	46.937	-0.017	46.963	-0.015
42.304	-0.012	42.326	-0.012	42.340	-0.008	42.352	-0.004	46.989	-0.013	47.014	-0.017	47.031	-0.019	47.052	-0.013
42.368	-0.004	42.386	-0.006	42.403	-0.008	42.428	-0.010	47.078	-0.013	47.097	-0.011	47.120	-0.009	47.140	-0.008
42.455	-0.009	42.480	-0.009	42.505	-0.011	42.531	-0.007	47.163	-0.013	47.181	-0.011	47.203	-0.010	47.224	-0.008
42.555	-0.009	42.581	-0.011	42.604	-0.004	42.624	0.002	47.250	-0.010	47.263	-0.004	47.283	-0.002	47.310	-0.002
42.640	-0.002	42.665	-0.010	42.686	-0.014	42.712	-0.018	47.331	-0.004	47.343	-0.000	47.367	0.007	47.395	0.001
42.755	-0.018	42.788	-0.022	42.827	-0.024	42.851	-0.022	47.427	0.013	47.459	0.011	47.479	0.007	47.509	0.001
42.884	-0.018	42.901	-0.020	42.928	-0.026	42.959	-0.028	47.534	-0.006	47.551	-0.006	47.572	-0.002	47.589	0.000
42.988	-0.027	43.021	-0.021	43.048	-0.021	43.070	-0.021	47.611	0.002	47.637	-0.000	47.661	-0.000	47.683	0.002
43.095	-0.021	43.122	-0.023	43.148	-0.029	43.171	-0.029	47.711	0.001	47.737	-0.001	47.773	-0.005	47.799	-0.005
43.191	-0.022	43.211	-0.022	43.237	-0.024	43.262	-0.022	47.825	-0.003	47.849	-0.005	47.875	-0.007	47.892	-0.003
43.288	-0.024	43.312	-0.026	43.330	-0.020	43.354	-0.020	47.918	0.003	47.939	-0.001	47.969	-0.005	47.998	-0.005
43.376	-0.016	43.395	-0.012	43.411	-0.008	43.437	-0.004	48.017	-0.003	48.041	-0.001	48.073	-0.001	48.099	0.002
43.454	-0.000	43.473	0.006	43.486	0.012	43.503	0.017	48.122	0.006	48.151	0.004	48.180	0.008	48.209	0.008
43.515	0.015	43.532	0.013	*43.546	0.011	43.561	0.009	48.235	0.014	48.248	0.020	48.267	0.018	48.293	0.020
43.575	0.011	43.590	0.013	43.603	0.013	43.619	0.019	48.320	0.016	48.340	0.014	48.359	0.018	48.388	0.016
43.636	0.014	43.658	0.016	43.678	0.014	43.695	0.014	48.414	0.016	48.432	0.018	48.447	0.020	48.477	0.018
43.714	0.010	43.729	0.006	43.738	0.002	43.753	0.004	48.503	0.020	48.524	0.024	48.537	0.026	48.550	0.020
43.778	0.008	43.810	0.002	43.863	0.008	43.892	0.015	48.571	0.018	48.600	0.018	48.612	0.020	48.633	0.024
43.918	0.009	43.944	0.003	43.967	0.007	43.987	0.007	48.652	0.028	48.671	0.026	48.695	0.018	48.720	0.014
44.004	0.007	44.023	0.003	44.043	-0.001	44.061	-0.005	48.744	0.018	48.768	0.026	48.796	0.018	48.815	0.022
44.074	-0.005	44.090	0.001	44.102	0.007	44.117	0.009	48.841	0.024	48.875	0.022	48.897	0.022	48.921	0.026
44.127	0.009	44.140	0.007	44.159	0.005	44.173	0.007	48.940	0.029	48.956	0.029	48.973	0.025	48.983	0.025
44.194	0.011	44.211	0.013	44.227	0.017	44.241	0.017	49.006	0.029	49.028	0.028	49.048	0.026	49.070	0.020
44.260	0.017	44.279	0.017	44.296	0.017	44.314	0.017	49.085	0.016	49.115	0.018	49.143	0.021	49.169	0.021
44.338	0.017	44.353	0.017	44.371	0.021	44.394	0.025	49.192	0.023	49.218	0.026	49.241	0.028	49.263	0.024
44.411	0.025	44.435	0.021	44.455	0.015	44.466	0.009	49.284	0.022	49.310	0.023	49.332	0.025	49.354	0.019
44.482	0.005	44.496	0.007	44.507	0.009	44.519	0.013	49.384	0.015	49.414	0.012	49.448	0.012	49.465	0.008
44.533	0.017	44.552	0.017	44.576	0.012	44.598	0.010	49.488	-0.000	49.514	-0.006	49.540	-0.010	49.566	-0.008
44.618	0.008	44.641	0.004	44.660	0.000	44.677	-0.002	49.586	-0.006	49.614	-0.004	49.638	-0.006	49.661	-0.008
44.694	-0.000	44.710	0.004	44.724	0.006	44.739	0.010	49.681	-0.012	49.702	-0.012	49.720	-0.017	49.749	-0.021
44.754	0.012	44.770	0.015	44.785	0.015	44.807	0.015	49.769	-0.019	49.797	-0.015	49.810	-0.017	49.831	-0.025
44.827	0.017	44.844	0.013	44.865	0.009	44.883	0.007	49.850	-0.029	49.872	-0.029	49.889	-0.025	49.916	-0.025
44.898	0.002	44.914	0.002	44.930	0.006	44.945	0.010	49.950	-0.027	49.976	-0.027	49.989	-0.029	50.009	-0.027
44.960	0.012	44.976	0.018	44.989	0.018	45.004	0.014	50.031	-0.025	50.058	-0.025	50.073	-0.023	50.092	-0.015
45.037	0.007	45.055	0.003	45.072	0.005	45.095	0.005	50.114	-0.015	50.143	-0.015	50.167	-0.017	50.181	-0.019
45.116	0.005	45.138	0.003	45.157	0.001	45.171	-0.001	50.202	-0.017	50.221	-0.013	50.240	-0.013	50.256	-0.009
45.191	0.001	45.217	-0.001	45.245	-0.003	45.271	-0.001	50.277	-0.007	50.293	-0.003	50.310	-0.005	50.332	-0.005
45.294	-0.001	45.319	-0.001	45.344	0.000	45.365	-0.002	50.363	-0.009	50.385	-0.013	50.408	-0.017	50.445	-0.017
45.379	-0.004	45.394	-0.002	45.416	0.004	45.430	0.010	50.477	-0.017	50.505	-0.019	50.530	-0.025	50.556	-0.025
45.444	0.012	45.463	0.012	45.490	0.012	45.519	0.012	50.578	-0.026	50.615	-0.026	50.649	-0.028	50.662	-0.022
45.547	0.004	45.592	0.014	45.621	0.013	45.636	0.011	50.683	-0.016	50.709	-0.022	50.722	-0.026	50.748	-0.022
45.653	0.007	45.673	0.003	45.688	0.007	45.706	0.009	50.773	-0.024	50.794	-0.020	50.817	-0.016	50.826	-0.014
45.724	0.013	45.746	0.009	45.769	0.003	45.793	0.003	50.855	-0.012	50.883	-0.010	50.922	-0.010	50.940	-0.006
45.817	0.003	45.840	0.009	45.859	0.013	45.875	0.014	50.967	-0.004	50.985	-0.002	51.022	-0.002	51.048	0.004
45.899	0.014	45.922	0.010	45.942	0.008	45.960	0.002	51.080	0.004	51.096	0.008	51.119	0.008	51.137	0.004
45.974	0.000	45.990	-0.002	46.003	0.000	46.020	0.002	51.164	-0.002	51.188	0.002	51.224	0.008	51.247	0.010

51.270	0.010	51.300	0.008	51.315	0.006	51.342	0.010	56.658	0.011	56.695	0.007	56.721	0.005	56.748	0.003
51.368	0.006	51.394	0.010	51.425	0.018	51.452	0.020	56.767	0.001	56.797	0.003	56.827	0.001	56.851	0.004
51.484	0.022	51.533	0.022	51.533	0.018	51.556	0.024	56.875	0.006	56.898	0.004	56.918	0.006	56.938	0.008
51.588	0.030	51.615	0.034	51.651	0.038	51.700	0.038	56.953	0.008	56.981	0.008	57.011	0.008	57.037	0.006
51.728	0.034	51.754	0.034	51.788	0.038	51.825	0.040	57.059	0.002	57.080	0.002	57.102	0.004	57.120	0.004
51.869	0.042	51.904	0.038	51.938	0.034	51.954	0.032	57.142	-0.000	57.168	-0.004	57.191	-0.006	57.212	-0.006
51.976	0.026	51.997	0.024	52.017	0.025	52.042	0.021	57.235	-0.002	57.260	-0.002	57.280	-0.005	57.304	-0.007
52.070	0.021	52.101	0.021	52.123	0.023	52.145	0.023	57.324	-0.007	57.346	-0.009	57.363	-0.013	57.383	-0.015
52.161	0.019	52.210	0.019	52.246	0.019	52.269	0.019	57.407	-0.017	57.429	-0.017	57.451	-0.015	57.476	-0.015
52.288	0.019	52.304	0.017	52.335	0.009	52.362	0.003	57.500	-0.017	57.527	-0.017	57.554	-0.015	57.580	-0.013
52.387	-0.001	52.410	0.005	52.442	0.007	52.485	0.005	57.606	-0.013	57.634	-0.013	57.663	-0.013	57.693	-0.013
52.518	0.005	52.548	0.007	52.584	0.003	52.607	-0.001	57.719	-0.013	57.745	-0.013	57.769	-0.011	57.793	-0.012
52.626	0.001	52.654	0.000	52.681	-0.002	52.706	-0.008	57.815	-0.010	57.836	-0.012	57.857	-0.012	57.878	-0.010
52.731	-0.004	52.752	-0.008	52.782	-0.008	52.798	-0.004	57.905	-0.008	57.930	-0.008	57.957	-0.008	57.984	-0.011
52.826	-0.002	52.854	-0.005	52.882	-0.009	52.915	-0.011	58.009	-0.011	58.031	-0.013	58.051	-0.017	58.066	-0.019
52.949	-0.015	52.982	-0.022	53.007	-0.028	53.027	-0.030	58.081	-0.015	58.102	-0.017	58.119	-0.019	58.136	-0.023
53.049	-0.026	53.083	-0.028	53.103	-0.030	53.127	-0.027	58.157	-0.021	58.180	-0.020	58.198	-0.020	58.218	-0.016
53.155	-0.023	53.183	-0.023	53.210	-0.027	53.234	-0.029	58.236	-0.016	58.260	-0.018	58.284	-0.018	58.302	-0.014
53.258	-0.035	53.289	-0.035	53.308	-0.035	53.332	-0.031	58.321	-0.014	58.337	-0.012	58.357	-0.016	58.378	-0.017
53.358	-0.025	53.389	-0.019	53.411	-0.017	53.435	-0.021	58.398	-0.017	58.416	-0.017	58.437	-0.015	58.458	-0.015
53.471	-0.023	53.492	-0.020	53.525	-0.016	53.566	-0.016	58.478	-0.015	58.499	-0.017	58.522	-0.020	58.542	-0.020
53.584	-0.012	53.604	-0.012	53.624	-0.020	53.643	-0.024	58.562	-0.022	58.585	-0.018	58.608	-0.016	58.630	-0.018
53.663	-0.022	53.692	-0.020	53.709	-0.016	53.744	-0.018	58.650	-0.016	58.674	-0.014	58.699	-0.012	58.721	-0.010
53.765	-0.020	53.802	-0.016	53.850	-0.011	53.927	-0.015	58.740	-0.012	58.778	-0.012	58.778	-0.008	58.798	-0.006
53.965	-0.009	53.992	-0.013	54.025	-0.013	54.061	-0.017	58.817	-0.004	58.836	-0.004	58.856	-0.004	58.877	-0.002
54.090	-0.009	54.099	-0.009	54.119	-0.005	54.147	-0.005	58.915	0.004	58.947	0.008	58.978	0.008	59.012	0.012
54.171	-0.002	54.197	0.004	54.226	0.006	54.242	0.010	59.043	0.010	59.067	0.010	59.092	0.014	59.113	0.016
54.267	0.014	54.296	0.018	54.335	0.020	54.363	0.016	59.142	0.016	59.170	0.012	59.194	0.016	59.225	0.018
54.380	0.019	54.395	0.019	54.417	0.017	54.442	0.017	59.246	0.020	59.272	0.022	59.295	0.020	59.322	0.018
54.468	0.011	54.487	0.011	54.517	0.013	54.533	0.009	59.341	0.020	59.371	0.022	59.396	0.014	59.424	0.014
54.552	0.007	54.565	0.005	54.578	0.005	54.596	0.006	59.448	0.016	59.468	0.018	59.491	0.012	59.517	0.010
54.610	0.008	54.627	0.006	54.646	0.000	54.661	-0.000	59.537	0.012	59.561	0.016	59.586	0.020	59.609	0.022
54.679	-0.002	54.695	0.004	54.713	0.002	54.730	0.002	59.628	0.020	59.650	0.014	59.676	0.016	59.711	0.017
54.748	-0.001	54.764	0.001	54.785	0.001	54.804	0.003	59.733	0.021	59.760	0.025	59.787	0.023	59.810	0.023
54.823	0.005	54.838	0.007	54.855	0.007	54.868	0.007	59.834	0.027	59.861	0.025	59.884	0.023	59.910	0.022
54.889	0.004	54.907	0.002	54.933	0.002	54.950	0.004	59.941	0.022	59.967	0.018	59.987	0.015	60.019	0.021
54.972	0.006	54.991	0.008	55.012	0.008	55.027	0.006	60.059	0.019	60.087	0.017	60.109	0.015	60.138	0.011
55.046	0.008	55.067	0.006	55.088	0.008	55.103	0.004	60.159	0.009	60.182	0.013	60.203	0.017	60.223	0.017
55.124	0.004	55.142	0.006	55.162	0.010	55.181	0.010	60.251	0.013	60.278	0.015	60.305	0.013	60.327	0.011
55.202	0.014	55.223	0.014	55.241	0.016	55.261	0.016	60.346	0.010	60.374	0.015	60.401	0.016	60.426	0.014
55.279	0.016	55.296	0.022	55.314	0.022	55.333	0.022	60.456	0.009	60.479	0.011	60.503	0.007	60.534	0.005
55.350	0.024	55.373	0.024	55.393	0.026	55.419	0.026	60.552	0.001	60.581	0.006	60.608	0.008	60.629	0.008
55.447	0.026	55.476	0.024	55.494	0.022	55.516	0.026	60.654	-0.002	60.673	-0.002	60.698	0.001	60.730	-0.003
55.537	0.024	55.554	0.022	55.569	0.020	55.586	0.018	60.751	0.003	60.773	0.007	60.786	0.007	60.812	-0.002
55.608	0.012	55.631	0.012	55.648	0.012	55.668	0.010	60.829	-0.004	60.856	0.002	60.877	0.006	60.896	0.002
55.684	0.012	55.705	0.010	55.724	0.006	55.742	0.008	60.913	0.002	60.933	0.006	60.951	0.006	60.973	0.000
55.765	0.006	55.784	0.005	55.801	0.003	55.827	0.003	60.990	-0.002	61.011	0.008	61.031	0.014	61.052	0.010
55.848	0.005	55.869	0.005	55.895	0.003	55.902	0.003	61.073	0.007	61.098	0.011	61.128	0.011	61.151	0.015
55.920	0.003	55.941	0.003	55.960	0.003	55.983	0.005	61.171	0.011	61.196	0.007	61.220	0.004	61.244	0.008
56.004	0.005	56.027	0.007	56.050	0.005	56.072	0.005	61.271	0.012	61.298	0.008	61.322	0.008	61.346	0.006
56.098	0.003	56.126	0.001	56.151	0.001	56.180	0.001	61.366	-0.000	61.384	0.002	61.408	0.010	61.439	0.008
56.205	0.000	56.229	-0.002	56.253	-0.002	56.272	0.000	61.475	0.006	61.507	0.008	61.535	0.008	61.553	0.010
56.292	0.004	56.312	0.008	56.333	0.008	56.358	0.008	61.586	0.006	61.603	-0.002	61.629	0.004	61.646	0.006
56.382	0.006	56.405	0.008	56.424	0.014	56.443	0.018	61.669	0.002	61.690	-0.000	61.705	-0.000	61.722	0.004
56.467	0.020	56.493	0.018	56.520	0.017	56.542	0.017	61.736	0.004	61.754	0.002	61.774	-0.004	61.792	-0.002
56.567	0.017	56.587	0.019	56.610	0.015	56.635	0.011	61.813	-0.002	61.831	-0.002	61.852	-0.006	61.871	-0.006



61.892	-0.002	61.907	-0.004	61.929	-0.008	61.951	-0.010	67.152	-0.020	67.184	-0.022	67.205	-0.022	67.228	-0.018
61.972	-0.010	61.994	-0.006	62.015	-0.008	62.044	-0.012	67.250	-0.022	67.270	-0.026	67.289	-0.020	67.309	-0.014
62.084	-0.012	62.117	-0.012	62.144	-0.010	62.174	-0.016	67.331	-0.012	67.352	-0.008	67.369	-0.010	67.387	-0.010
62.199	-0.019	62.223	-0.017	62.253	-0.021	62.264	-0.023	67.407	-0.014	67.425	-0.014	67.438	-0.010	67.456	-0.008
62.297	-0.015	62.317	-0.019	62.343	-0.029	62.365	-0.034	67.485	-0.008	67.509	-0.004	67.529	-0.002	67.556	-0.000
62.384	-0.028	62.415	-0.018	62.436	-0.022	62.472	-0.028	67.582	-0.002	67.607	-0.006	67.626	-0.004	67.647	-0.004
62.502	-0.027	62.533	-0.033	62.561	-0.037	62.601	-0.033	67.668	-0.002	67.689	-0.004	67.710	-0.003	67.737	-0.003
62.633	-0.033	62.648	-0.033	62.681	-0.040	62.715	-0.032	67.761	-0.001	67.788	-0.001	67.814	-0.001	67.847	-0.003
62.751	-0.034	62.790	-0.022	62.812	-0.018	62.847	-0.018	67.874	-0.007	67.904	-0.009	67.935	-0.009	67.959	-0.009
62.879	-0.014	62.899	-0.015	62.917	-0.011	62.951	-0.011	67.985	-0.009	68.012	-0.007	68.028	-0.011	68.051	-0.011
62.965	-0.011	62.991	-0.007	63.021	-0.007	63.052	-0.005	68.077	-0.009	68.096	-0.005	68.116	-0.005	68.140	-0.007
63.070	-0.004	63.088	-0.004	63.116	-0.004	63.141	-0.002	68.156	-0.009	68.179	-0.005	68.200	-0.001	68.218	-0.003
63.172	-0.007	63.203	-0.001	63.226	-0.003	63.255	-0.003	68.240	-0.007	68.265	-0.007	68.287	-0.007	68.311	-0.011
63.281	-0.006	63.296	-0.008	63.315	-0.010	63.337	-0.014	68.331	-0.009	68.355	-0.005	68.374	-0.005	68.395	-0.003
63.364	-0.014	63.390	-0.016	63.410	-0.016	63.433	-0.020	68.419	-0.005	68.444	-0.011	68.468	-0.015	68.491	-0.015
63.453	-0.022	63.474	-0.016	63.491	-0.016	63.515	-0.018	68.516	-0.009	68.542	-0.017	68.560	-0.017	68.580	-0.011
63.535	-0.020	63.559	-0.020	63.569	-0.014	63.586	-0.018	68.604	-0.017	68.628	-0.019	68.646	-0.021	68.668	-0.017
63.608	-0.022	63.634	-0.026	63.655	-0.026	63.678	-0.026	68.694	-0.019	68.720	-0.021	68.745	-0.019	68.769	-0.015
63.702	-0.026	63.726	-0.026	63.749	-0.024	63.770	-0.024	68.789	-0.013	68.819	-0.015	68.848	-0.012	68.874	-0.012
63.789	-0.026	63.816	-0.026	63.840	-0.030	63.876	-0.030	68.900	-0.010	68.935	-0.008	68.970	-0.008	69.003	-0.006
63.909	-0.028	63.943	-0.030	63.965	-0.030	63.988	-0.022	69.030	-0.004	69.060	-0.008	69.097	-0.008	69.133	-0.008
64.003	-0.018	64.029	-0.024	64.051	-0.026	64.081	-0.026	69.157	-0.004	69.189	-0.002	69.211	-0.000	69.242	-0.004
64.111	-0.020	64.140	-0.020	64.177	-0.016	64.204	-0.014	69.275	-0.004	69.296	-0.002	69.326	-0.008	69.357	-0.002
64.237	-0.010	64.275	-0.012	64.305	-0.010	64.334	-0.008	69.391	-0.008	69.421	-0.010	69.448	-0.002	69.494	-0.004
64.360	-0.003	64.388	-0.001	64.421	-0.007	64.434	-0.007	69.524	-0.006	69.554	-0.014	69.581	-0.010	69.605	-0.002
64.456	-0.005	64.478	-0.003	64.503	-0.003	64.524	-0.003	69.625	-0.000	69.653	-0.004	69.690	-0.008	69.731	-0.008
64.546	-0.007	64.571	-0.019	64.594	-0.021	64.609	-0.019	69.764	-0.010	69.795	-0.006	69.829	-0.002	69.955	-0.000
64.637	-0.015	64.654	-0.015	64.672	-0.019	64.695	-0.011	69.892	-0.008	69.924	-0.002	69.960	-0.002	69.996	-0.002
64.717	-0.011	64.749	-0.021	64.768	-0.020	64.795	-0.020	70.023	-0.006	70.042	-0.008	70.072	-0.002	70.105	-0.002
64.823	-0.022	64.849	-0.030	64.870	-0.030	64.885	-0.028	70.138	-0.004	70.161	-0.006	70.185	-0.006	70.211	-0.002
64.911	-0.024	64.932	-0.023	64.958	-0.015	64.974	-0.017								
64.981	-0.015	65.004	-0.023	65.025	-0.028	65.043	-0.026								
65.056	-0.018	65.072	-0.010	65.085	-0.012	65.113	-0.014								
65.138	-0.014	65.155	-0.018	65.165	-0.018	65.184	-0.014								
65.202	-0.008	65.225	-0.008	65.252	-0.008	65.262	-0.006								
65.280	-0.002	65.300	-0.006	65.320	-0.008	65.334	-0.004								
65.358	-0.004	65.387	-0.007	65.411	-0.009	65.424	-0.015								
65.430	-0.017	65.444	-0.009	65.466	-0.001	65.477	-0.005								
65.502	-0.015	65.522	-0.019	65.548	-0.017	65.571	-0.019								
65.593	-0.021	65.619	-0.020	65.646	-0.020	65.674	-0.016								
65.706	-0.022	65.724	-0.028	65.760	-0.024	65.793	-0.024								
65.810	-0.022	65.827	-0.018	65.857	-0.022	65.883	-0.024								
65.903	-0.028	65.919	-0.034	65.938	-0.030	65.953	-0.026								
65.970	-0.022	65.983	-0.024	66.004	-0.026	66.023	-0.022								
66.039	-0.020	66.058	-0.024	66.081	-0.024	66.092	-0.020								
66.107	-0.016	66.126	-0.016	66.156	-0.018	66.198	-0.016								
66.221	-0.020	66.246	-0.014	66.265	-0.010	66.285	-0.004								
66.300	-0.004	66.315	-0.004	66.345	-0.004	66.374	-0.002								
66.401	-0.004	66.425	-0.006	66.440	-0.008	66.465	-0.002								
66.488	-0.004	66.509	-0.008	66.536	-0.006	66.561	-0.008								
66.591	-0.012	66.616	-0.012	66.640	-0.012	66.664	-0.012								
66.684	-0.012	66.705	-0.016	66.729	-0.022	66.756	-0.021								
66.782	-0.017	66.819	-0.021	66.839	-0.025	66.855	-0.021								
66.877	-0.019	66.909	-0.021	66.938	-0.025	66.963	-0.021								
66.989	-0.021	67.016	-0.017	67.034	-0.023	67.053	-0.025								
67.066	-0.023	67.087	-0.019	67.110	-0.021	67.130	-0.019								

71.129 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. BASEMENT N29E

1870 POINTS 25.365 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2115 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.192	0.026	-0.123	0.038	-0.034	0.051	-0.003	2.171	0.165	2.178	0.126	2.196	-0.060	2.204	-0.079	2.258	-0.153	2.258	-0.153
0.065	0.051	0.076	0.075	0.090	0.040	0.097	0.028	2.222	-0.072	2.234	-0.087	2.253	-0.138	2.258	-0.153	2.310	0.035	2.310	0.035
0.108	0.055	0.117	0.109	0.129	0.129	0.136	0.109	2.270	-0.129	2.283	-0.011	2.297	0.028	2.310	0.035	2.357	0.081	2.357	0.081
0.159	0.017	0.174	-0.014	0.186	-0.026	0.198	-0.069	2.322	0.031	2.337	0.016	2.346	-0.039	2.357	0.081	2.411	0.054	2.411	0.054
0.208	-0.039	0.218	-0.076	0.235	-0.020	0.241	0.044	2.370	-0.085	2.379	-0.070	2.399	0.042	2.411	0.054	2.448	-0.043	2.448	-0.043
0.254	0.067	0.279	0.013	0.291	-0.061	0.298	-0.123	2.418	0.007	2.430	-0.074	2.437	-0.086	2.448	-0.043	2.503	-0.110	2.503	-0.110
0.305	-0.154	0.314	-0.123	0.328	-0.003	0.341	0.082	2.454	0.001	2.466	0.018	2.485	-0.032	2.503	-0.110	2.546	-0.033	2.546	-0.033
0.354	0.163	0.363	0.179	0.372	0.156	0.384	0.078	2.517	-0.168	2.526	-0.179	2.536	-0.145	2.546	-0.033	2.607	-0.073	2.607	-0.073
0.394	0.001	0.414	-0.045	0.422	-0.045	0.442	-0.030	2.561	0.176	2.568	0.207	2.577	0.168	2.592	0.037	2.637	0.037	2.637	0.037
0.471	-0.072	0.471	-0.092	0.478	-0.072	0.495	0.020	2.605	-0.072	2.614	-0.018	2.631	-0.006	2.637	0.037	2.685	-0.073	2.685	-0.073
0.512	0.055	0.522	0.028	0.536	-0.045	0.550	-0.076	2.650	-0.111	2.659	-0.134	2.669	-0.096	2.685	-0.073	2.743	0.155	2.743	0.155
0.563	-0.076	0.576	-0.099	0.586	-0.072	0.597	0.044	2.693	0.046	2.712	0.151	2.725	0.182	2.743	0.155	2.790	0.077	2.790	0.077
0.610	0.191	0.619	0.229	0.633	0.241	0.643	0.225	2.756	0.151	2.766	0.116	2.778	0.066	2.790	0.077	2.810	-0.113	2.810	-0.113
0.661	0.125	0.684	-0.130	0.698	-0.181	0.708	-0.165	2.801	0.139	2.810	0.154	2.820	0.115	2.841	-0.113	2.877	-0.059	2.877	-0.059
0.729	-0.045	0.742	0.040	0.755	0.063	0.772	0.032	2.851	-0.163	2.862	-0.132	2.869	-0.082	2.877	-0.059	2.918	0.064	2.918	0.064
0.793	0.034	0.805	0.067	0.813	0.020	0.837	-0.065	2.888	-0.051	2.896	-0.028	2.905	-0.049	2.918	0.064	3.002	-0.073	3.002	-0.073
0.852	-0.123	0.859	-0.142	0.869	-0.092	0.883	0.059	2.924	0.041	2.945	-0.052	2.957	-0.067	2.970	-0.029	3.026	-0.077	3.026	-0.077
0.897	0.105	0.909	0.117	0.922	0.086	0.938	0.009	2.982	0.095	2.997	0.129	3.007	0.114	3.026	-0.077	3.062	0.037	3.062	0.037
0.947	-0.007	0.962	0.013	0.979	0.044	0.991	0.013	3.037	0.032	3.046	-0.025	3.065	-0.025	3.082	0.037	3.127	0.128	3.127	0.128
1.000	-0.026	1.023	-0.076	1.033	-0.053	1.049	0.082	3.091	-0.061	3.098	-0.038	3.119	0.109	3.127	0.128	3.209	0.116	3.209	0.116
1.062	0.117	1.071	0.129	1.079	0.117	1.094	0.059	3.159	0.090	3.183	0.078	3.197	0.093	3.209	0.116	3.257	0.031	3.257	0.031
1.104	0.044	1.124	0.044	1.132	0.009	1.157	0.084	3.218	0.081	3.230	-0.031	3.240	-0.046	3.257	0.031	3.332	-0.070	3.332	-0.070
1.171	-0.030	1.183	-0.007	1.194	0.001	1.205	0.020	3.280	-0.093	3.303	0.007	3.323	-0.063	3.332	-0.070	3.411	0.045	3.411	0.045
1.225	0.113	1.237	0.063	1.250	-0.069	1.266	-0.115	3.339	-0.043	3.354	-0.069	3.364	-0.076	3.381	0.045	3.458	-0.172	3.458	-0.172
1.282	-0.115	1.294	-0.154	1.303	-0.169	1.311	-0.138	3.399	0.041	3.415	-0.001	3.458	-0.172	3.473	-0.179	3.567	0.048	3.567	0.048
1.328	-0.049	1.347	0.032	1.361	0.101	1.374	0.117	3.482	-0.133	3.498	0.060	3.507	0.091	3.516	0.048	3.618	-0.149	3.618	-0.149
1.387	0.007	1.411	-0.038	1.425	-0.054	1.444	-0.050	3.531	-0.122	3.548	-0.166	3.552	-0.176	3.568	-0.149	3.668	-0.048	3.668	-0.048
1.459	-0.065	1.465	-0.042	1.479	0.035	1.490	0.054	3.577	-0.072	3.598	0.226	3.610	0.276	3.617	0.226	3.683	0.005	3.683	0.005
1.501	0.039	1.523	-0.035	1.537	-0.054	1.549	-0.046	3.635	0.040	3.662	-0.061	3.672	-0.022	3.683	0.005	3.757	-0.020	3.757	-0.020
1.570	-0.058	1.574	-0.039	1.594	0.143	1.611	0.193	3.691	-0.030	3.703	-0.123	3.712	-0.138	3.722	-0.096	3.831	-0.081	3.831	-0.081
1.624	0.143	1.640	-0.001	1.652	-0.063	1.657	-0.066	3.738	-0.003	3.745	0.028	3.757	0.020	3.765	0.043	3.863	-0.046	3.863	-0.046
1.666	-0.047	1.681	0.007	1.691	-0.051	1.703	-0.105	3.783	0.236	3.796	0.252	3.808	0.186	3.820	0.081	3.902	-0.039	3.902	-0.039
1.709	-0.121	1.718	-0.082	1.733	0.092	1.751	0.146	3.834	-0.108	3.846	-0.151	3.852	-0.116	3.863	-0.046	3.952	-0.053	3.952	-0.053
1.766	0.223	1.773	0.227	1.790	0.142	1.811	0.006	3.871	-0.036	3.884	-0.066	3.893	-0.081	3.900	-0.039	4.004	-0.073	4.004	-0.073
1.823	-0.083	1.833	-0.098	1.846	-0.048	1.859	0.126	3.920	0.034	3.932	0.046	3.952	0.026	3.967	0.053	4.056	-0.102	4.056	-0.102
1.869	0.176	1.881	0.187	1.895	0.141	1.918	-0.003	3.993	0.183	4.004	0.215	4.014	0.173	4.035	-0.102	4.124	0.094	4.124	0.094
1.943	-0.073	1.955	-0.127	1.965	-0.158	1.975	-0.119	4.047	-0.133	4.056	-0.095	4.075	-0.060	4.091	0.094	4.160	0.016	4.160	0.016
2.003	0.151	2.016	0.182	2.030	0.104	2.041	0.085	4.109	0.067	4.124	0.094	4.140	0.102	4.160	0.016	4.219	-0.290	4.219	-0.290
2.061	0.096	2.069	0.073	2.083	-0.016	2.093	-0.047	4.179	-0.062	4.190	-0.196	4.207	-0.197	4.219	-0.290	4.282	-0.313	4.282	-0.313
2.112	-0.024	2.138	0.026	2.151	0.084	2.160	0.145	4.234	-0.324	4.250	-0.247	4.270	-0.298	4.282	-0.313	4.351	-0.046	4.351	-0.046

4.296	-0.259	4.311	-0.120	4.318	-0.093	4.330	-0.113	6.843	0.321	6.856	0.367	6.869	0.495	6.881	0.711
4.339	-0.144	4.348	-0.090	4.361	0.123	4.371	0.308	6.892	0.951	6.902	0.989	6.908	0.943	6.917	0.634
4.380	0.350	4.391	0.354	4.407	0.315	4.427	0.183	6.928	0.231	6.937	-0.039	6.944	-0.109	6.953	-0.012
4.437	0.032	4.453	-0.130	4.461	-0.134	4.471	-0.092	6.972	0.347	6.986	0.397	6.996	0.339	7.006	0.231
4.486	0.132	4.508	0.484	4.517	0.623	4.531	0.823	7.021	-0.021	7.033	-0.106	7.041	-0.056	7.057	0.219
4.538	0.850	4.551	0.777	4.566	0.425	4.582	0.223	7.066	0.250	7.072	0.211	7.086	0.060	7.092	0.045
4.589	0.215	4.603	0.234	4.618	0.180	4.640	-0.033	7.095	0.091	7.113	0.493	7.123	0.821	7.131	0.953
4.653	-0.107	4.660	-0.118	4.673	-0.041	4.695	0.333	7.141	1.022	7.169	0.949	7.161	0.601	7.173	0.218
4.703	0.380	4.718	0.318	4.733	0.267	4.740	0.220	7.186	-0.122	7.198	-0.192	7.203	-0.130	7.214	0.121
4.756	0.042	4.762	0.004	4.785	0.108	4.785	0.046	7.229	0.399	7.242	0.461	7.250	0.395	7.264	0.077
4.820	-0.299	4.837	-0.350	4.850	-0.315	4.861	-0.215	7.277	-0.541	7.287	-0.823	7.296	-0.862	7.315	-0.649
4.877	-0.033	4.887	0.071	4.904	0.098	4.911	0.071	7.326	-0.580	7.334	-0.529	7.341	-0.479	7.357	-0.182
4.933	0.028	4.941	-0.050	4.960	-0.421	4.968	-0.460	7.369	-0.135	7.381	-0.205	7.390	-0.236	7.408	-0.170
4.975	-0.414	4.993	0.030	5.009	0.521	5.016	0.587	7.420	-0.128	7.435	-0.182	7.472	-0.511	7.488	-0.370
5.024	0.505	5.037	0.080	5.051	-0.249	5.066	-0.508	7.497	-0.701	7.505	-0.635	7.518	-0.253	7.533	0.316
5.075	-0.644	5.087	-0.679	5.092	-0.632	5.100	-0.563	7.544	0.582	7.551	0.644	7.566	0.547	7.591	0.292
5.115	-0.304	5.127	-0.262	5.136	-0.293	5.146	-0.370	7.602	0.199	7.617	0.141	7.627	0.029	7.645	-0.273
5.153	-0.336	5.166	-0.139	5.178	0.132	5.188	0.263	7.674	-0.536	7.691	-0.610	7.702	-0.548	7.722	-0.386
5.198	0.301	5.206	0.259	5.213	0.154	5.229	-0.051	7.733	-0.254	7.748	-0.101	7.755	0.244	7.765	0.306
5.234	-0.074	5.243	-0.024	5.258	0.200	5.269	0.231	7.779	0.179	7.792	-0.197	7.805	-0.421	7.814	-0.456
5.276	0.196	5.288	-0.040	5.297	-0.242	5.307	-0.300	7.823	-0.406	7.848	0.004	7.865	0.189	7.875	0.228
5.316	-0.199	5.329	-0.022	5.342	0.287	5.349	0.481	7.887	0.185	7.918	-0.012	7.937	-0.059	7.951	-0.094
5.357	0.554	5.368	0.472	5.379	0.213	5.388	-0.081	7.958	-0.183	7.968	-0.291	7.983	-0.349	7.992	0.303
5.395	-0.259	5.406	-0.321	5.416	-0.240	5.428	0.116	8.005	-0.249	8.020	-0.183	8.035	-0.006	8.050	0.048
5.440	0.421	5.453	0.483	5.459	0.456	5.467	0.382	8.068	0.025	8.091	0.017	8.104	-0.010	8.112	-0.022
5.476	0.165	5.491	-0.148	5.502	-0.218	5.510	-0.164	8.124	0.048	8.138	0.233	8.147	0.361	8.159	0.403
5.522	0.064	5.537	0.385	5.547	0.551	5.555	0.593	8.165	0.330	8.178	0.005	8.190	-0.254	8.203	-0.494
5.562	0.558	5.570	0.415	5.581	0.090	5.592	-0.146	8.207	-0.506	8.213	-0.463	8.222	-0.228	8.237	-0.089
5.601	-0.173	5.608	-0.119	5.618	0.109	5.625	0.380	8.249	-0.209	8.261	-0.437	8.266	-0.464	8.272	-0.387
5.634	0.565	5.641	0.607	5.649	0.507	5.656	0.340	8.284	0.116	8.305	0.634	8.305	0.668	8.314	0.606
5.668	-0.077	5.679	-0.422	5.686	-0.464	5.693	-0.410	8.333	0.173	8.350	-0.070	8.362	-0.152	8.372	-0.276
5.707	0.059	5.718	0.131	5.731	0.208	5.746	0.192	8.386	-0.446	8.393	-0.465	8.402	-0.415	8.411	-0.086
5.759	0.238	5.771	0.261	5.793	0.218	5.811	0.261	8.429	0.138	8.446	0.215	8.461	0.141	8.482	0.017
5.818	0.218	5.830	-0.049	5.840	-0.227	5.845	-0.250	8.503	0.037	8.519	0.195	8.536	0.210	8.556	0.210
5.852	-0.165	5.865	0.113	5.878	0.368	5.887	0.460	8.492	-0.010	8.561	0.229	8.588	0.407	8.601	0.538
5.947	-0.043	5.906	0.418	5.924	0.170	5.935	0.065	8.618	0.589	8.627	0.554	8.642	0.445	8.656	0.256
5.991	-0.485	5.959	-0.248	5.974	-0.465	5.988	-0.516	8.674	0.051	8.678	0.024	8.687	0.097	8.702	0.364
6.040	0.709	6.008	-0.199	6.020	0.234	6.030	0.613	8.710	0.449	8.720	0.487	8.729	0.445	8.746	0.205
6.076	-0.208	6.084	-0.316	6.092	-0.374	6.112	-0.257	8.763	0.050	8.792	-0.163	8.802	-0.217	8.825	-0.252
6.128	-0.201	6.141	-0.027	6.154	-0.131	6.162	-0.170	8.828	-0.287	8.859	-0.484	8.876	-0.542	8.884	-0.500
6.171	0.108	6.186	-0.125	6.199	-0.403	6.208	-0.128	8.901	-0.253	8.909	-0.218	8.920	-0.264	8.942	-0.481
6.217	-0.983	6.226	-1.038	6.232	-0.984	6.244	-0.547	8.953	-0.524	8.962	-0.516	8.974	-0.458	8.996	-0.257
6.256	-0.064	6.263	0.114	6.269	0.179	6.289	0.086	9.008	-0.207	9.016	-0.262	9.035	-0.467	9.045	-0.513
6.307	0.121	6.314	0.078	6.328	-0.058	6.335	-0.027	9.052	-0.529	9.066	-0.463	9.075	-0.370	9.093	-0.104
6.344	0.058	6.356	0.081	6.372	0.027	6.380	0.043	9.104	0.039	9.120	0.128	9.137	0.201	9.143	0.213
6.393	-0.252	6.402	-0.380	6.411	-0.407	6.421	-0.376	9.155	0.156	9.162	0.124	9.174	0.081	9.185	0.139
6.432	-0.326	6.442	-0.314	6.453	-0.357	6.472	-0.504	9.197	0.150	9.208	0.112	9.226	0.019	9.245	-0.005
6.482	0.535	6.488	-0.505	6.500	-0.284	6.514	0.079	9.261	-0.005	9.277	0.018	9.292	-0.044	9.303	-0.098
6.520	0.160	6.529	0.175	6.542	0.055	6.548	0.032	9.315	-0.117	9.327	-0.036	9.341	0.165	9.354	0.327
6.558	0.063	6.570	0.205	6.579	0.229	6.588	0.186	9.363	0.350	9.372	-0.307	9.392	0.083	9.404	0.040
6.601	-0.100	6.617	-0.464	6.625	-0.534	6.634	-0.464	9.413	0.064	9.434	0.133	9.445	0.094	9.460	-0.110
6.648	-0.093	6.666	0.281	6.674	0.335	6.685	0.289	9.476	-0.343	9.492	-0.404	9.504	-0.350	9.520	-0.161
6.704	0.095	6.715	0.037	6.724	0.106	6.735	0.253	9.533	0.272	9.543	0.589	9.555	0.778	9.567	0.817
6.747	0.415	6.758	0.435	6.763	0.410	6.776	0.268	9.575	0.751	9.592	0.399	9.607	0.067	9.615	0.036
6.791	0.152	6.802	0.190	6.812	0.314	6.828	0.348	9.627	0.071	9.647	0.256	9.669	0.501	9.678	0.538
								9.686	0.492	9.707	0.121	9.719	0.074	9.734	0.136

9.742	0.159	9.751	0.116	9.774	9.783	-0.301	12.328	-0.208	12.343	-0.169	12.359	-0.138	12.372	-0.069
9.790	-0.235	9.808	0.035	9.819	9.838	0.031	12.388	0.016	12.400	0.070	12.413	0.085	12.420	0.066
9.849	0.062	9.859	0.132	9.872	9.889	0.716	12.432	0.012	12.442	0.050	12.453	0.078	12.461	0.062
9.897	0.766	9.908	0.704	9.921	9.934	-0.046	12.470	0.008	12.481	0.019	12.490	0.009	12.499	0.082
9.949	-0.073	9.951	-0.046	9.961	9.970	0.063	12.509	-0.152	12.524	-0.059	12.539	-0.245	12.550	-0.268
9.982	0.005	9.996	-0.138	10.002	10.011	-0.115	12.565	-0.257	12.576	-0.219	12.588	-0.168	12.596	-0.161
10.033	0.148	10.042	0.187	10.049	10.063	-0.014	12.606	-0.184	12.616	-0.262	12.629	-0.327	12.645	-0.393
10.076	-0.130	10.092	-0.215	10.099	10.110	-0.180	12.652	-0.378	12.663	-0.340	12.672	-0.262	12.682	-0.201
10.123	-0.087	10.133	-0.049	10.142	10.156	-0.087	12.697	-0.181	12.710	-0.189	12.723	-0.201	12.736	-0.190
10.174	-0.141	10.180	-0.153	10.192	10.203	-0.048	12.754	-0.171	12.763	-0.190	12.781	-0.248	12.795	-0.264
10.212	-0.036	10.219	-0.067	10.237	10.259	-0.257	12.806	-0.253	12.816	-0.237	12.827	-0.261	12.843	-0.323
10.268	-0.026	10.280	-0.237	10.294	10.307	-0.287	12.861	-0.350	12.875	-0.342	12.887	-0.296	12.900	-0.235
10.327	-0.453	10.338	-0.480	10.346	10.354	-0.287	12.912	-0.212	12.930	-0.220	12.947	-0.208	12.963	-0.182
10.374	0.196	10.384	0.243	10.390	10.402	0.073	12.979	-0.128	12.989	-0.116	13.000	-0.136	13.013	-0.194
10.409	0.057	10.416	0.104	10.431	10.439	0.278	13.026	-0.233	13.038	-0.206	13.046	-0.137	13.058	-0.052
10.448	0.212	10.461	-0.008	10.476	10.485	-0.217	13.071	-0.002	13.082	0.068	13.093	0.137	13.100	0.156
10.495	-0.182	10.531	0.008	10.548	10.562	0.089	13.110	0.144	13.119	0.075	13.128	-0.026	13.137	-0.065
10.578	0.043	10.588	0.031	10.602	10.615	0.135	13.153	-0.100	13.168	-0.143	13.184	-0.170	13.194	-0.162
10.627	0.066	10.642	-0.093	10.654	10.667	-0.100	13.208	-0.097	13.223	-0.051	13.232	-0.032	13.242	-0.047
10.673	-0.135	10.688	-0.239	10.706	10.718	-0.208	13.253	-0.113	13.264	-0.195	13.277	-0.261	13.292	-0.323
10.733	-0.084	10.747	0.074	10.753	10.758	0.387	13.309	-0.362	13.329	-0.314	13.342	-0.401	13.356	-0.451
10.768	0.503	10.772	0.581	10.783	10.788	0.600	13.366	-0.471	13.377	-0.459	13.387	-0.405	13.396	-0.320
10.798	0.527	10.809	0.395	10.818	10.828	0.159	13.407	-0.201	13.418	-0.073	13.429	0.019	13.441	0.058
10.839	0.113	10.847	0.121	10.860	10.874	0.279	13.450	-0.046	13.463	-0.004	13.473	0.051	13.478	-0.066
10.890	0.380	10.902	0.388	10.917	10.927	0.569	13.492	-0.051	13.506	-0.028	13.517	0.044	13.528	-0.059
10.938	0.658	10.949	0.701	10.956	10.968	0.616	13.539	-0.044	13.547	0.006	13.559	0.114	13.571	0.203
10.984	0.546	10.999	0.492	11.009	11.022	0.291	13.581	0.249	13.593	0.257	13.605	0.241	13.615	0.206
11.033	0.113	11.044	-0.007	11.054	11.063	-0.003	13.626	0.144	13.637	0.082	13.650	0.040	13.662	0.051
11.074	0.090	11.087	0.194	11.101	11.115	0.318	13.679	0.082	13.698	-0.120	13.712	0.135	13.723	0.112
11.123	0.306	11.133	0.256	11.145	11.157	0.109	13.734	0.058	13.746	-0.004	13.756	-0.039	13.767	-0.059
11.173	0.090	11.192	0.067	11.217	11.227	0.020	13.778	-0.047	13.791	-0.020	13.804	0.029	13.813	0.068
11.236	0.009	11.244	0.032	11.254	11.263	0.160	13.822	0.080	13.832	0.064	13.844	0.034	13.854	0.006
11.275	0.191	11.281	0.175	11.293	11.306	0.005	13.863	0.017	13.878	0.048	13.896	0.071	13.909	0.101
11.320	-0.065	11.336	-0.119	11.349	11.366	-0.138	13.916	0.286	13.927	0.243	13.935	0.271	13.946	0.302
11.382	-0.103	11.393	-0.092	11.403	11.410	-0.196	13.953	0.286	13.963	0.243	13.972	0.170	13.981	0.112
11.418	-0.289	11.425	-0.397	11.434	11.440	-0.529	13.992	0.077	14.003	0.069	14.017	0.072	14.031	0.091
11.449	-0.540	11.456	-0.521	11.465	11.473	-0.401	14.042	0.099	14.051	0.083	14.069	0.056	14.076	0.052
11.481	-0.266	11.487	-0.127	11.495	11.504	0.179	14.092	0.079	14.106	0.094	14.126	0.089	14.141	0.097
11.512	0.291	11.523	0.322	11.532	11.542	0.244	14.154	0.143	14.167	0.181	14.183	0.208	14.199	0.220
11.553	0.144	11.563	0.043	11.575	11.584	0.020	14.213	0.235	14.233	0.223	14.247	0.211	14.255	0.226
11.593	0.059	11.602	0.078	11.610	11.624	0.016	14.267	0.257	14.280	0.299	14.294	0.326	14.312	0.345
11.643	-0.023	11.653	-0.073	11.667	11.677	-0.243	14.324	0.391	14.338	0.453	14.351	0.522	14.363	0.584
11.687	-0.259	11.704	-0.259	11.718	11.735	-0.394	14.373	0.618	14.385	0.629	14.396	0.618	14.413	0.586
11.749	-0.510	11.758	-0.560	11.767	11.773	-0.568	14.431	0.528	14.449	0.473	14.468	0.411	14.485	0.356
11.783	-0.514	11.793	-0.410	11.803	11.814	-0.251	14.497	0.294	14.510	0.205	14.523	0.135	14.535	0.108
11.831	-0.209	11.845	-0.166	11.854	11.862	-0.012	14.546	0.134	14.558	0.188	14.570	0.288	14.580	0.362
11.870	0.043	11.879	0.054	11.898	11.911	0.054	14.590	0.412	14.600	0.427	14.609	0.415	14.625	0.357
11.923	0.065	11.947	0.054	11.960	11.977	0.135	14.641	0.302	14.651	0.255	14.664	0.170	14.675	0.085
11.990	0.185	12.001	0.204	12.012	12.024	0.119	14.686	0.057	14.698	0.065	14.711	0.107	14.731	0.149
12.036	0.003	12.047	-0.109	12.054	12.060	-0.167	14.742	0.187	14.757	0.291	14.769	0.291	14.783	0.310
12.067	-0.148	12.076	-0.094	12.087	12.100	-0.157	14.792	0.294	14.805	0.244	14.818	0.197	14.832	0.181
12.116	0.242	12.127	0.281	12.134	12.145	0.273	14.851	0.200	14.864	0.188	14.875	0.142	14.890	0.052
12.152	0.211	12.161	0.141	12.168	12.178	0.056	14.903	-0.029	14.913	-0.068	14.924	-0.076	14.941	-0.069
12.191	0.075	12.200	0.102	12.210	12.219	0.095	14.957	-0.073	14.975	-0.073	14.997	-0.097	15.008	-0.128
12.233	0.013	12.249	-0.091	12.262	12.278	-0.269	15.021	-0.175	15.036	-0.198	15.049	-0.183	15.067	-0.125
12.289	-0.327	12.298	-0.358	12.308	12.318	-0.273	15.080	-0.095	15.094	-0.072	15.107	-0.088	15.122	-0.126

15.140	-0.154	15.154	-0.139	15.175	-0.116	15.188	-0.070	18.481	-0.267	18.498	-0.309	18.516	-0.329	18.528	-0.321
15.200	-0.020	15.222	0.038	15.237	0.080	15.247	0.091	18.538	-0.282	18.550	-0.216	18.566	-0.143	18.581	-0.120
15.258	0.064	15.275	-0.014	15.288	-0.091	15.303	-0.161	18.597	-0.100	18.614	-0.112	18.625	-0.143	18.635	-0.162
15.310	-0.196	15.324	-0.208	15.338	-0.201	15.351	-0.162	18.647	-0.178	18.659	-0.158	18.674	-0.112	18.691	-0.050
15.368	-0.143	15.379	-0.132	15.400	-0.140	15.419	-0.148	18.708	0.004	18.724	0.031	18.743	0.019	18.761	0.008
15.436	-0.156	15.453	-0.176	15.469	-0.165	15.485	-0.145	18.775	-0.031	18.787	-0.050	18.799	-0.023	18.813	0.047
15.509	-0.146	15.520	-0.146	15.533	-0.189	15.546	-0.232	18.821	0.101	18.836	0.128	18.849	0.116	18.863	0.093
15.552	-0.243	15.564	-0.228	15.575	-0.209	15.593	-0.202	18.874	0.085	18.886	0.097	18.899	0.140	18.908	0.174
15.592	-0.221	15.606	-0.291	15.615	-0.322	15.627	-0.334	18.920	0.194	18.937	0.194	18.957	0.179	18.969	0.159
15.640	-0.323	15.657	-0.296	15.671	-0.284	15.684	-0.289	18.979	0.113	18.990	0.055	19.001	0.013	19.012	0.001
15.699	-0.257	15.720	-0.270	15.730	-0.278	15.741	-0.317	19.028	0.013	19.039	0.032	19.058	0.086	19.074	0.133
15.758	-0.367	15.778	-0.387	15.796	-0.384	15.812	-0.384	19.094	0.160	19.113	0.164	19.128	0.152	19.144	0.126
15.836	-0.392	15.859	-0.408	15.876	-0.397	15.892	-0.358	19.162	0.099	19.178	0.087	19.198	0.106	19.218	0.095
15.907	-0.335	15.929	-0.340	15.938	-0.301	15.954	-0.243	19.232	0.091	19.251	0.103	19.272	0.122	19.289	0.142
15.963	-0.170	15.974	-0.139	15.988	-0.159	16.000	-0.233	19.306	0.161	19.322	0.173	19.337	0.154	19.352	0.096
16.015	-0.291	16.035	-0.330	16.053	-0.346	16.068	-0.354	19.363	0.061	19.375	0.042	19.388	0.065	19.401	0.111
16.081	-0.280	16.092	-0.288	16.104	-0.227	16.114	-0.192	19.414	0.146	19.427	0.119	19.443	0.077	19.458	0.038
16.136	-0.189	16.155	-0.189	16.178	-0.197	16.195	-0.186	19.474	0.053	19.495	0.084	19.516	0.115	19.532	0.139
16.212	-0.155	16.237	-0.128	16.253	-0.098	16.268	-0.048	19.548	0.154	19.572	0.135	19.592	0.143	19.608	0.116
16.262	0.140	16.272	0.136	16.284	0.105	16.343	0.021	19.624	0.069	19.638	0.050	19.651	0.073	19.664	0.089
16.769	0.012	16.787	0.027	16.800	0.038	16.821	0.046	19.680	0.096	19.695	0.139	19.708	0.185	19.719	0.201
16.835	0.069	16.851	0.123	16.866	0.154	16.878	0.173	19.736	0.185	19.753	0.155	19.775	0.124	19.795	0.112
16.886	0.169	16.904	0.130	16.919	0.107	16.942	0.095	19.815	0.128	19.830	0.155	19.843	0.162	19.855	0.139
16.959	0.080	16.977	0.091	16.993	0.055	17.010	0.114	19.868	0.089	19.893	0.027	19.898	-0.012	19.914	-0.016
17.027	0.137	17.042	0.157	17.053	0.164	17.068	0.149	19.920	-0.008	19.945	0.015	19.961	0.034	19.976	0.053
17.081	0.122	17.095	0.106	17.108	0.129	17.120	0.183	19.990	0.008	20.004	0.103	20.020	0.080	20.036	0.033
17.137	0.214	17.145	0.195	17.161	0.152	17.173	0.129	20.054	-0.025	20.073	-0.075	20.087	-0.098	20.103	-0.114
17.190	0.136	17.213	0.136	17.228	0.152	17.240	0.159	20.120	-0.099	20.136	-0.052	20.152	-0.033	20.166	-0.045
17.255	0.136	17.269	0.089	17.284	0.024	17.298	-0.046	20.181	-0.068	20.194	-0.080	20.212	-0.072	20.227	-0.084
17.313	-0.089	17.325	-0.069	17.337	-0.019	17.347	0.039	20.245	-0.119	20.258	-0.131	20.272	-0.123	20.287	-0.084
17.360	0.093	17.371	0.120	17.391	0.120	17.406	0.135	20.301	-0.046	20.321	-0.031	20.338	-0.038	20.354	-0.077
17.415	0.151	17.424	0.139	17.436	0.093	17.448	0.077	20.367	-0.124	20.380	-0.147	20.393	-0.132	20.404	-0.094
17.460	0.096	17.479	0.127	17.499	0.119	17.517	0.135	20.415	-0.078	20.430	-0.098	20.448	-0.133	20.465	-0.160
17.529	0.158	17.545	0.131	17.560	0.092	17.574	0.042	20.480	-0.180	20.490	-0.168	20.508	-0.126	20.524	-0.103
17.586	-0.001	17.598	-0.024	17.607	-0.009	17.622	0.038	20.535	-0.119	20.548	-0.161	20.559	-0.193	20.567	-0.204
17.637	0.096	17.652	0.157	17.667	0.181	17.685	0.157	20.576	-0.193	20.587	-0.147	20.601	-0.104	20.616	-0.077
17.697	0.134	17.712	0.076	17.724	0.014	17.736	-0.025	20.631	-0.074	20.649	-0.090	20.669	-0.090	20.688	-0.079
17.747	-0.036	17.757	-0.036	17.772	-0.013	17.784	0.002	20.704	-0.059	20.714	-0.033	20.723	-0.021	20.733	-0.041
17.805	-0.006	17.820	0.025	17.838	0.056	17.852	0.041	20.743	-0.083	20.753	-0.130	20.768	-0.161	20.782	-0.062
17.869	0.017	17.890	0.017	17.911	0.017	17.926	0.002	20.795	-0.100	20.809	-0.065	20.823	-0.042	20.837	-0.062
17.942	-0.029	17.956	-0.056	17.971	-0.060	17.985	-0.088	20.854	-0.085	20.868	-0.101	20.886	-0.124	20.903	-0.140
17.999	-0.099	18.012	-0.149	18.023	-0.161	18.036	-0.146	20.921	-0.140	20.936	-0.133	20.955	-0.121	20.967	-0.106
18.048	-0.130	18.060	-0.150	18.073	-0.173	18.088	-0.154	20.990	-0.110	21.011	-0.115	21.031	-0.115	21.053	-0.111
18.100	-0.107	18.109	-0.045	18.118	-0.011	18.130	0.013	21.067	-0.088	21.082	-0.046	21.092	-0.031	21.104	-0.042
18.140	-0.007	18.152	-0.053	18.167	-0.080	18.185	-0.092	21.118	-0.097	21.131	-0.132	21.142	-0.144	21.154	-0.136
18.202	-0.127	18.219	-0.158	18.237	-0.158	18.257	-0.139	21.170	-0.086	21.188	-0.052	21.205	-0.032	21.219	-0.040
18.277	-0.116	18.291	-0.135	18.304	-0.189	18.315	-0.247	21.234	-0.068	21.249	-0.052	21.265	-0.018	21.285	0.028
18.331	-0.278	18.342	-0.267	18.356	-0.228	18.371	-0.197	21.303	0.059	21.315	0.070	21.328	0.058	21.343	0.054
18.380	-0.201	18.392	-0.243	18.404	-0.286	18.414	-0.301	21.358	0.054	21.376	0.077	21.393	0.085	21.411	0.089
18.426	-0.282	18.444	-0.232	18.457	-0.205	18.469	-0.220	21.425	-0.062	21.442	0.023	21.454	0.011	21.469	0.054
								21.475	0.065	21.485	0.065	21.496	0.053	21.506	0.030
								21.518	0.011	21.526	-0.001	21.533	-0.001	21.544	0.018
								21.557	0.049	21.568	0.076	21.586	0.099	21.595	0.080
								21.611	0.049	21.625	0.018	21.641	0.010	21.659	0.033
								21.680	0.045	21.698	0.010	21.711	-0.025	21.729	-0.060
								21.742	-0.087	21.758	-0.103	21.775	-0.084	21.796	-0.057

21.818	-0.041	21.833	-0.026	21.852	-0.011	21.870	0.005
21.890	0.017	21.904	0.047	21.917	0.078	21.929	0.098
21.944	0.109	21.957	0.105	21.970	0.090	21.983	0.071
21.993	0.044	22.003	0.020	22.019	0.001	22.036	0.020
22.057	0.040	22.074	0.017	22.089	-0.011	22.099	-0.038
22.111	-0.057	22.129	-0.022	22.143	0.005	22.156	0.020
22.168	-0.003	22.181	-0.026	22.195	-0.045	22.211	-0.034
22.223	0.005	22.233	0.044	22.249	0.059	22.261	0.028
22.274	-0.014	22.285	-0.034	22.304	-0.011	22.322	-0.067
22.337	-0.030	22.355	-0.069	22.370	-0.103	22.386	-0.127
22.404	-0.080	22.417	-0.042	22.432	-0.026	22.447	-0.038
22.459	-0.045	22.475	-0.046	22.489	-0.046	22.501	-0.073
22.511	-0.080	22.530	-0.057	22.547	-0.034	22.560	-0.034
22.572	-0.038	22.589	-0.038	22.602	-0.081	22.620	-0.115
22.636	-0.115	22.652	-0.112	22.666	-0.073	22.684	-0.031
22.693	0.004	22.706	0.012	22.720	-0.019	22.732	-0.069
22.745	-0.112	22.754	-0.127	22.770	-0.116	22.799	-0.089
22.818	-0.066	22.828	-0.062	22.844	-0.077	22.862	-0.104
22.879	-0.077	22.897	-0.050	22.913	-0.043	22.930	-0.062
22.949	-0.093	22.968	-0.101	22.986	-0.082	23.006	-0.070
23.021	-0.098	23.033	-0.117	23.049	-0.129	23.063	-0.102
23.077	-0.055	23.096	-0.028	23.121	-0.067	23.135	-0.087
23.148	-0.087	23.167	-0.060	23.194	-0.025	23.211	-0.041
23.232	-0.056	23.252	-0.068	23.270	-0.087	23.291	-0.111
23.303	-0.080	23.318	-0.010	23.337	0.028	23.356	-0.007
23.372	-0.045	23.384	-0.046	23.409	-0.011	23.423	-0.003
23.442	-0.015	23.460	-0.027	23.476	-0.077	23.497	-0.116
23.518	-0.093	23.534	-0.054	23.548	-0.043	23.569	-0.081
23.583	-0.105	23.599	-0.047	23.614	0.015	23.630	0.057
23.644	0.073	23.664	0.022	23.682	-0.012	23.697	0.015
23.709	0.022	23.734	0.007	23.759	0.006	23.776	-0.009
23.797	0.014	23.813	0.022	23.831	0.018	23.852	0.002
23.871	-0.010	23.889	-0.010	23.913	0.033	23.933	0.056
23.954	0.032	23.969	0.013	23.982	0.009	24.000	0.040
24.029	0.086	24.046	0.070	24.068	0.063	24.086	0.059
24.106	0.047	24.119	0.035	24.139	0.031	24.160	0.047
24.185	0.058	24.205	0.027	24.221	-0.012	24.238	-0.050
24.255	-0.058	24.278	0.023	24.293	0.069	24.309	0.084
24.326	0.057	24.353	-0.009	24.371	-0.024	24.393	-0.036
24.411	-0.044	24.431	-0.051	24.451	-0.021	24.463	-0.005
24.486	-0.040	24.499	-0.048	24.523	-0.029	24.545	-0.029
24.563	-0.029	24.586	-0.013	24.603	-0.006	24.629	-0.006
24.654	0.006	24.668	0.002	24.685	0.002	24.708	0.002
24.740	0.025	24.760	-0.006	24.781	-0.018	24.798	-0.018
24.830	-0.030	24.847	-0.026	24.880	0.024	24.900	0.024
24.919	0.016	24.941	-0.022	24.962	-0.019	24.990	-0.019
25.019	-0.023	25.034	-0.046	25.055	-0.034	25.076	-0.015
25.093	0.012	25.107	0.023	25.127	-0.004	25.148	-0.046
25.165	-0.077	25.195	-0.054	25.216	-0.070	25.240	-0.093
25.253	-0.097	25.276	-0.066	25.295	-0.051	25.319	-0.066
25.341	-0.090	25.347	-0.090	25.351	-0.090	25.358	-0.090
25.362	-0.090	25.365	-0.090				

71-129 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. BASEMENT N61W

1755 POINTS 25.354 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2274 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.084	0.018	0.023	0.033	0.020	0.049	0.035	2.304	0.027	2.319	0.072	2.339	0.022	2.359	-0.008
0.073	0.039	0.084	0.069	0.093	-0.007	0.105	-0.075	2.379	-0.057	2.391	-0.001	2.403	0.041	2.421	0.075
0.113	-0.090	0.131	-0.037	0.132	0.008	0.142	0.065	2.445	0.018	2.459	0.063	2.478	0.127	2.485	0.067
0.157	0.054	0.168	0.039	0.179	0.107	0.195	0.171	2.503	0.040	2.515	0.070	2.537	0.104	2.553	0.051
0.211	0.111	0.223	0.031	0.231	0.023	0.240	-0.003	2.575	0.085	2.581	0.035	2.607	-0.063	2.617	-0.022
0.254	-0.022	0.269	0.012	0.276	0.069	0.289	0.107	2.632	0.023	2.647	0.038	2.659	0.107	2.686	0.197
0.297	0.111	0.307	0.076	0.321	-0.015	0.334	-0.015	2.687	0.121	2.695	0.034	2.717	0.057	2.733	0.053
0.348	-0.018	0.359	-0.015	0.370	0.042	0.381	0.084	2.753	0.049	2.774	0.128	2.783	0.079	2.791	0.018
0.392	0.114	0.404	0.129	0.416	0.092	0.431	0.042	2.802	0.079	2.817	0.135	2.832	0.078	2.841	0.018
0.450	0.050	0.467	0.031	0.484	0.016	0.498	0.023	2.861	-0.017	2.881	0.082	2.885	0.131	2.905	0.078
0.511	0.050	0.533	0.107	0.545	0.050	0.556	0.012	2.924	0.123	2.938	0.078	2.957	-0.013	2.965	-0.089
0.570	0.020	0.591	-0.045	0.611	0.065	0.625	0.092	2.970	0.062	2.986	-0.021	2.994	0.077	3.015	0.130
0.648	0.141	0.658	0.095	0.672	0.065	0.688	0.046	3.027	0.127	3.047	-0.037	3.054	0.046	3.065	0.122
0.701	0.031	0.722	0.039	0.736	0.054	0.749	0.103	3.081	0.209	3.089	0.137	3.107	0.069	3.125	0.122
0.764	0.164	0.776	0.122	0.789	0.054	0.798	-0.026	3.135	0.045	3.225	0.022	3.246	-0.008	3.258	0.041
0.810	-0.068	0.821	0.008	0.840	0.111	0.849	0.057	3.273	0.139	3.292	0.215	3.306	0.158	3.328	0.090
0.869	0.020	0.883	0.001	0.896	-0.007	0.906	0.076	3.359	0.014	3.359	-0.032	3.370	0.010	3.389	0.074
0.918	0.156	0.930	0.076	0.943	0.023	0.965	0.069	3.421	0.014	3.427	0.010	3.452	0.025	3.460	-0.025
0.983	0.076	1.002	0.099	1.011	0.054	1.026	0.008	3.481	-0.070	3.489	-0.029	3.501	0.028	3.520	0.051
1.045	0.016	1.067	-0.003	1.083	0.031	1.100	0.084	3.522	0.066	3.536	-0.002	3.552	0.032	3.571	0.054
1.118	0.107	1.136	0.103	1.147	0.084	1.162	-0.037	3.587	0.060	3.607	0.044	3.619	0.035	3.652	0.107
1.182	-0.026	1.205	-0.022	1.219	0.027	1.235	0.080	3.655	0.039	3.675	0.056	3.684	0.012	3.697	0.065
1.245	0.042	1.260	0.001	1.277	0.061	1.290	0.099	3.713	0.042	3.727	0.106	3.743	0.178	3.761	0.148
1.304	0.035	1.317	-0.054	1.333	0.092	1.348	0.164	3.779	0.064	3.796	0.015	3.818	0.023	3.828	0.098
1.357	0.126	1.368	0.015	1.383	0.000	1.401	0.000	3.839	0.163	3.851	0.072	3.874	-0.065	3.890	0.033
1.413	0.061	1.428	0.129	1.442	0.072	1.457	-0.045	3.892	0.139	3.911	0.188	3.925	0.200	3.940	0.196
1.471	0.023	1.487	0.095	1.507	0.034	1.526	0.075	3.892	0.139	3.911	0.188	3.925	0.200	3.940	0.196
1.539	0.140	1.558	0.068	1.572	0.014	1.590	0.026	3.950	0.063	3.966	-0.127	3.984	-0.134	4.003	-0.134
1.607	0.060	1.632	0.120	1.640	0.044	1.655	-0.013	4.016	-0.051	4.036	0.066	4.048	0.134	4.060	0.168
1.668	0.006	1.680	0.074	1.693	0.127	1.707	0.071	4.086	0.005	4.099	0.111	4.122	0.281	4.137	0.236
1.720	-0.009	1.735	-0.017	1.752	-0.017	1.765	0.074	4.151	0.315	4.169	0.364	4.189	0.284	4.199	0.224
1.778	0.154	1.794	0.176	1.809	0.187	1.821	0.131	4.219	0.333	4.238	0.280	4.258	0.310	4.279	0.219
1.849	-0.006	1.855	0.028	1.869	0.051	1.880	0.005	4.293	0.253	4.320	0.249	4.324	0.135	4.347	0.093
1.894	-0.026	1.908	0.046	1.921	0.111	1.932	0.145	4.354	0.188	4.371	0.351	4.388	0.286	4.406	0.028
1.945	0.175	1.955	0.152	1.968	0.106	1.981	0.057	4.414	-0.215	4.429	0.298	4.448	-0.204	4.468	-0.284
1.998	0.015	2.011	0.049	2.026	0.083	2.041	0.056	4.482	-0.106	4.508	0.106	4.509	-0.034	4.523	-0.353
2.064	0.056	2.079	0.048	2.097	0.063	2.112	0.074	4.545	-0.433	4.552	-0.316	4.578	-0.161	4.579	-0.316
2.139	0.093	2.157	0.081	2.163	0.085	2.178	0.085	4.608	-0.563	4.609	-0.476	4.623	-0.446	4.640	-0.381
2.190	0.013	2.204	-0.063	2.217	0.012	2.229	0.065	4.653	0.153	4.677	0.690	4.682	0.592	4.699	0.247
2.241	0.096	2.253	0.054	2.269	0.037	2.289	-0.007	4.712	-0.117	4.723	-0.428	4.737	-0.512	4.751	-0.311

4.766	-0.016	4.785	0.355	4.758	0.620	4.802	0.658	7.876	-0.467	7.894	-0.611	7.897	-0.482	7.909	-0.262
4.814	0.540	4.824	0.244	4.847	-0.078	4.850	-0.290	7.928	-0.035	7.937	0.207	7.953	0.400	7.966	0.552
4.863	-0.404	4.874	-0.336	4.891	0.005	4.897	0.421	7.983	0.616	7.993	0.449	8.012	-0.055	8.020	-0.370
4.909	0.836	4.924	1.072	4.935	0.894	4.948	0.496	8.031	-0.385	8.047	-0.415	8.066	-0.510	8.077	-0.601
4.961	0.162	4.972	-0.073	4.982	-0.186	5.001	-0.228	8.089	-0.242	8.105	-0.242	8.126	-0.109	8.154	0.008
5.011	-0.013	5.022	0.256	5.035	0.514	5.052	0.694	8.172	-0.415	8.182	-0.341	8.198	-0.129	8.213	0.019
5.066	0.593	5.084	0.331	5.092	0.191	5.100	0.031	8.230	0.250	8.246	0.348	8.247	0.216	8.267	-0.001
5.119	0.031	5.121	0.114	5.139	0.239	5.152	0.273	8.283	0.193	8.298	0.389	8.315	0.461	8.329	0.651
5.154	0.208	5.173	0.083	5.191	0.208	5.198	0.302	8.348	0.798	8.356	0.719	8.366	0.457	8.385	0.324
5.209	0.257	5.223	0.116	5.233	-0.016	5.245	-0.225	8.391	0.449	8.409	0.582	8.420	0.483	8.429	0.199
5.256	-0.263	5.265	-0.180	5.280	0.225	5.297	0.676	8.453	-0.032	8.466	-0.074	8.477	-0.165	8.484	-0.226
5.310	0.767	5.316	0.668	5.329	0.395	5.343	0.152	8.501	-0.120	8.529	0.096	8.532	0.372	8.556	0.797
5.364	-0.094	5.378	0.049	5.389	0.284	5.399	0.064	8.567	0.649	8.579	0.361	8.594	0.198	8.607	0.213
5.411	-0.118	5.426	-0.095	5.456	-0.156	5.465	0.006	8.621	0.103	8.636	-0.147	8.649	-0.254	8.670	-0.144
5.487	0.195	5.490	0.101	5.517	-0.119	5.526	-0.101	8.679	-0.034	8.700	-0.057	8.717	-0.099	8.731	-0.258
5.544	-0.052	5.557	0.126	5.574	0.259	5.577	0.160	8.759	-0.330	8.763	-0.361	8.777	-0.486	8.795	-0.630
5.591	-0.124	5.606	-0.178	5.627	-0.216	5.637	-0.182	8.816	-0.657	8.834	-0.592	8.841	-0.467	8.859	-0.270
5.659	0.680	5.670	-0.027	5.688	0.094	5.703	-0.058	8.873	-0.180	8.885	-0.271	8.903	-0.138	8.915	-0.021
5.722	-0.024	5.742	0.055	5.771	0.184	5.772	0.059	8.926	-0.138	8.947	-0.317	8.976	-0.340	8.986	-0.264
5.784	-0.158	5.797	-0.404	5.810	-0.738	5.822	-0.924	8.996	-0.177	9.017	-0.291	9.031	-0.382	9.053	-0.477
5.836	-0.621	5.850	0.148	5.859	0.557	5.865	0.709	9.060	-0.655	9.076	-0.837	9.091	-0.750	9.106	-0.508
5.876	0.576	5.900	0.344	5.902	0.037	5.925	0.117	9.117	-0.265	9.129	-0.110	9.149	-0.141	9.155	-0.228
5.940	0.344	5.957	0.525	5.958	0.396	5.978	0.036	9.168	-0.414	9.187	-0.652	9.201	-0.747	9.213	-0.706
5.990	-0.350	6.013	-0.491	6.015	-0.385	6.030	-0.135	9.224	-0.573	9.250	-0.320	9.265	-0.244	9.276	-0.305
6.045	0.194	6.051	0.482	6.070	0.690	6.083	0.466	9.292	-0.388	9.306	-0.513	9.328	-0.646	9.336	-0.586
6.142	0.079	6.105	-0.201	6.110	-0.152	6.126	-0.110	9.351	-0.385	9.368	-0.063	9.374	0.221	9.385	-0.320
6.193	-0.058	6.198	-0.157	6.204	-0.085	6.220	0.229	9.400	0.236	9.419	0.153	9.434	0.259	9.449	0.437
6.242	0.456	6.254	0.274	6.269	0.050	6.279	-0.079	9.473	0.653	9.496	0.827	9.517	0.899	9.527	0.846
6.297	0.042	6.309	0.186	6.328	0.136	6.338	0.235	9.549	0.842	9.565	0.948	9.592	0.993	9.593	0.891
6.358	0.318	6.366	0.249	6.379	0.173	6.397	0.355	9.608	0.603	9.625	0.319	9.648	0.175	9.663	0.201
6.419	0.669	6.421	0.783	6.431	0.688	6.451	0.403	9.684	0.182	9.701	0.307	9.724	0.371	9.730	0.277
6.473	0.244	6.490	0.418	6.506	0.406	6.510	0.334	9.811	0.095	9.832	-0.053	9.842	-0.114	9.850	0.197
6.516	0.202	6.528	0.088	6.542	0.239	6.563	0.580	9.873	-0.216	9.900	-0.254	9.912	-0.352	9.924	-0.466
6.564	0.682	6.582	0.553	6.595	0.121	6.613	-0.092	9.941	-0.560	9.952	-0.477	9.966	-0.375	9.981	-0.280
6.628	0.151	6.637	0.408	6.649	0.544	6.659	0.400	10.011	-0.181	10.017	-0.325	10.028	-0.507	10.049	-0.620
6.673	0.097	6.683	-0.172	6.691	-0.313	6.702	-0.222	10.058	-0.560	10.075	-0.397	10.076	-0.336	10.093	-0.283
6.718	0.214	6.735	0.710	6.749	0.547	6.764	0.240	10.097	-0.438	10.113	-0.586	10.130	-0.673	10.144	-0.616
6.782	0.239	6.802	0.133	6.811	0.072	6.843	0.155	10.160	-0.427	10.176	-0.226	10.199	-0.097	10.204	-0.165
6.853	0.034	6.870	-0.315	6.886	-0.561	6.905	-0.596	10.217	-0.309	10.253	-0.339	10.256	-0.263	10.276	-0.115
6.923	-0.406	6.932	-0.084	6.954	0.203	6.961	0.018	10.300	-0.119	10.321	-0.138	10.345	-0.191	10.363	-0.350
6.983	-0.623	6.993	-0.915	7.009	-0.987	7.031	-0.748	10.379	-0.437	10.394	-0.547	10.414	-0.638	10.430	-0.471
7.042	-0.369	7.057	-0.119	7.070	-0.226	7.083	-0.355	10.443	-0.251	10.453	-0.050	10.478	0.170	10.481	0.318
7.105	-0.461	7.114	-0.487	7.137	-0.370	7.151	-0.544	10.507	0.280	10.527	0.299	10.548	0.348	10.566	0.689
7.168	-0.628	7.187	-0.401	7.194	-0.211	7.211	-0.344	10.572	0.814	10.579	0.901	10.584	0.920	10.588	0.939
7.223	-0.465	7.235	-0.378	7.256	-0.011	7.269	-0.034	10.594	0.943	10.600	0.920	10.608	0.852	10.613	0.758
7.290	0.190	7.302	0.553	7.314	0.682	7.326	0.568	10.620	0.663	10.625	0.606	10.634	0.568	10.639	0.576
7.343	0.136	7.361	-0.050	7.373	0.045	7.389	0.242	10.647	0.636	10.654	0.727	10.661	0.811	10.671	0.860
7.405	0.477	7.436	0.723	7.449	0.552	7.461	0.332	10.681	0.883	10.695	0.883	10.703	0.864	10.709	0.830
7.477	0.457	7.490	0.643	7.504	0.658	7.516	0.514	10.716	0.766	10.725	0.682	10.731	0.603	10.738	0.546
7.530	0.366	7.556	0.134	7.566	-0.078	7.580	-0.199	10.751	0.497	10.760	0.440	10.766	0.364	10.774	0.266
7.586	-0.116	7.602	0.024	7.615	0.062	7.629	-0.052	10.782	0.186	10.790	0.156	10.800	0.163	10.809	0.198
7.642	-0.173	7.658	-0.222	7.672	-0.052	7.686	0.202	10.818	0.243	10.827	0.285	10.838	0.308	10.849	0.289
7.704	0.372	7.721	0.523	7.736	0.421	7.755	0.383	10.861	0.247	10.871	0.194	10.881	0.122	10.890	0.039
7.776	0.110	7.789	-0.254	7.795	-0.470	7.807	-0.368	10.896	-0.018	10.905	-0.060	10.915	-0.090	10.925	-0.147
7.827	-0.106	7.831	0.129	7.848	0.303	7.869	-0.027	10.933	-0.177	10.942	-0.166	10.950	-0.109	10.959	0.008



10.969	0.107	10.982	0.171	10.997	0.243	11.003	0.270	13.370	0.224	13.389	0.239	13.403	0.269	13.417	0.303
11.012	0.292	11.019	0.273	11.028	0.213	11.034	0.171	13.428	0.325	13.441	0.310	13.452	0.257	13.462	0.162
11.044	0.156	11.055	0.175	11.069	0.209	11.082	0.224	13.472	0.090	13.481	0.063	13.493	0.078	13.506	0.093
11.097	0.205	11.110	0.194	11.122	0.171	11.136	0.118	13.525	0.097	13.539	0.138	13.552	0.172	13.569	0.179
11.147	0.039	11.155	0.001	11.165	-0.018	11.173	-0.011	13.583	0.176	13.594	0.141	13.606	0.107	13.620	0.118
11.183	-0.007	11.193	-0.030	11.203	-0.083	11.213	-0.128	13.632	0.148	13.644	0.163	13.655	0.152	13.666	0.110
11.224	-0.147	11.240	-0.147	11.251	-0.117	11.262	-0.068	13.678	0.057	13.692	-0.004	13.703	-0.057	13.713	-0.122
11.273	-0.003	11.283	0.076	11.291	0.133	11.303	0.160	13.723	-0.160	13.734	-0.076	13.747	-0.171	13.757	-0.126
11.312	0.145	11.322	0.080	11.330	-0.007	11.337	-0.083	13.769	-0.069	13.777	0.006	13.787	0.059	13.794	0.074
11.344	-0.147	11.354	-0.189	11.364	-0.174	11.374	-0.136	13.803	0.063	13.816	0.021	13.828	-0.002	13.848	-0.014
11.385	-0.071	11.395	-0.015	11.405	0.046	11.414	0.069	13.863	-0.022	13.876	-0.048	13.888	-0.083	13.903	-0.102
11.423	0.050	11.433	-0.011	11.443	-0.106	11.450	-0.181	13.914	-0.091	13.922	-0.042	13.932	0.030	13.941	0.072
11.460	-0.242	11.470	-0.295	11.478	-0.034	11.485	-0.212	13.949	0.090	13.957	0.071	13.964	0.030	13.976	-0.035
11.493	-0.113	11.502	-0.003	11.508	0.034	11.514	0.046	14.023	-0.063	14.039	-0.088	14.051	-0.073	14.065	-0.043
11.521	-0.031	11.528	-0.007	11.536	-0.068	11.546	-0.094	14.079	-0.249	14.094	-0.295	14.106	-0.314	14.117	-0.307
11.555	-0.098	11.564	-0.098	11.574	-0.121	11.583	-0.174	14.130	-0.273	14.142	-0.220	14.149	-0.190	14.158	-0.175
11.596	-0.235	11.605	-0.273	11.614	-0.292	11.622	-0.288	14.169	-0.190	14.180	-0.244	14.192	-0.312	14.200	-0.335
11.633	-0.254	11.643	-0.193	11.652	-0.121	11.660	-0.061	14.212	-0.354	14.221	-0.339	14.233	-0.298	14.248	-0.252
11.668	-0.023	11.681	0.000	11.690	0.004	11.698	0.042	14.264	-0.226	14.277	-0.230	14.288	-0.326	14.300	-0.303
11.706	0.080	11.714	0.095	11.725	0.079	11.737	0.053	14.307	-0.326	14.316	-0.341	14.327	-0.357	14.337	-0.288
11.747	0.076	11.755	0.110	11.767	0.197	11.776	0.284	14.349	-0.243	14.359	-0.228	14.369	-0.260	14.382	-0.278
11.786	0.375	11.794	0.424	11.803	0.436	11.815	0.424	14.395	-0.331	14.407	-0.362	14.420	-0.355	14.433	-0.317
11.826	0.108	11.832	0.367	11.840	0.295	11.846	0.216	14.447	-0.280	14.462	-0.246	14.478	-0.193	14.491	-0.144
11.850	0.425	11.858	0.049	11.866	-0.000	11.874	-0.000	14.507	-0.126	14.522	-0.130	14.539	-0.153	14.554	-0.146
11.885	0.037	11.894	0.083	11.902	0.094	11.916	0.094	14.568	-0.108	14.581	-0.052	14.594	-0.020	14.601	0.043
11.928	0.102	11.941	0.117	11.956	0.117	11.969	0.169	14.610	0.050	14.621	0.034	14.632	-0.019	14.644	-0.080
11.983	0.132	11.996	0.173	12.006	0.184	12.015	0.169	14.651	-0.106	14.660	-0.114	14.668	-0.099	14.680	-0.073
12.026	0.120	12.037	0.074	12.048	0.089	12.060	0.112	14.692	-0.035	14.702	-0.021	14.709	-0.032	14.722	-0.078
12.079	0.093	12.091	0.120	12.103	0.093	12.113	0.062	14.733	-0.139	14.746	-0.173	14.761	-0.185	14.778	-0.178
12.124	0.153	12.141	0.112	12.153	0.093	12.168	0.062	14.793	-0.167	14.806	-0.137	14.818	-0.076	14.830	-0.020
12.181	0.081	12.196	0.138	12.207	0.172	12.217	0.187	14.842	0.021	14.857	0.051	14.873	0.070	14.885	0.058
12.227	0.172	12.237	0.157	12.248	0.164	12.260	0.225	14.893	0.043	14.904	0.028	14.916	0.043	14.931	0.080
12.274	0.251	12.286	0.225	12.296	0.164	12.308	0.103	14.946	0.106	14.961	0.102	14.973	0.083	14.985	0.041
12.316	0.081	12.324	0.050	12.333	0.069	12.342	0.167	14.996	-0.020	15.005	-0.061	15.016	-0.084	15.029	-0.073
12.351	0.239	12.361	0.262	12.372	0.243	12.382	0.212	15.046	-0.036	15.062	-0.017	15.071	0.020	15.081	0.077
12.442	-0.099	12.452	-0.133	12.461	-0.134	12.470	-0.096	15.091	0.111	15.097	0.122	15.104	0.111	15.117	0.073
12.480	-0.028	12.488	0.029	12.498	0.063	12.505	0.048	15.128	0.050	15.140	0.057	15.156	0.076	15.172	0.102
12.515	0.002	12.524	-0.043	12.537	-0.089	12.552	-0.116	15.192	0.101	15.203	0.112	15.217	0.120	15.228	0.104
12.564	-0.146	12.575	-0.192	12.585	-0.245	12.594	-0.302	15.240	0.066	15.252	0.013	15.264	-0.014	15.279	-0.026
12.600	-0.332	12.609	-0.351	12.616	-0.333	12.625	-0.295	15.294	-0.018	15.307	0.000	15.322	0.042	15.335	0.098
12.634	-0.215	12.642	-0.151	12.648	-0.113	12.657	-0.098	15.348	0.128	15.359	0.143	15.370	0.136	15.385	0.116
12.665	-0.114	12.675	-0.171	12.685	-0.262	12.692	-0.307	15.405	-0.097	15.417	0.082	15.428	0.036	15.440	-0.032
12.701	-0.330	12.712	-0.315	12.725	-0.258	12.739	-0.221	15.452	-0.090	15.462	-0.116	15.472	-0.101	15.489	-0.075
12.752	-0.209	12.768	-0.213	12.786	-0.233	12.799	-0.221	15.502	-0.087	15.518	-0.117	15.537	-0.144	15.552	-0.171
12.813	-0.176	12.823	-0.127	12.837	-0.116	12.859	-0.105	15.570	-0.217	15.591	-0.244	15.614	-0.259	15.632	-0.282
12.872	-0.078	12.888	-0.014	12.902	0.057	12.915	0.133	15.649	-0.305	15.657	-0.309	15.669	-0.298	15.688	-0.238
12.920	0.159	12.931	0.118	12.940	0.159	12.949	0.106	15.699	-0.181	15.716	-0.140	15.735	-0.125	15.758	-0.126
12.958	0.045	12.966	0.026	12.983	0.018	12.994	0.025	15.771	-0.126	15.788	-0.103	15.813	-0.127	15.827	-0.108
13.006	0.075	13.017	0.139	13.032	0.176	13.046	0.161	15.845	-0.093	15.867	-0.101	15.883	-0.082	15.896	-0.026
13.060	0.112	13.074	0.054	13.087	-0.022	13.099	-0.098	15.913	0.042	15.928	0.083	15.942	0.106	15.961	0.106
13.110	-0.147	13.129	-0.132	13.141	-0.155	13.155	-0.200	15.980	0.120	15.994	0.120	16.012	0.128	16.024	0.131
13.172	-0.212	13.189	-0.205	13.206	-0.183	13.217	-0.130	16.039	0.108	16.051	0.093	16.058	0.074	16.067	0.081
13.229	-0.028	13.242	0.067	13.253	0.104	13.262	0.085	16.076	0.043	16.088	0.009	16.100	-0.010	16.114	0.001
13.273	0.028	13.287	-0.014	13.305	-0.044	13.318	-0.071	16.126	0.050	16.138	0.114	16.148	0.148	16.158	0.174
13.327	-0.048	13.337	0.023	13.346	0.122	13.356	0.182	16.169	0.159	16.181	0.117	16.194	0.079	16.211	0.048

16.226	0.018	16.241	0.033	16.253	0.074	16.268	0.123	19.425	-0.047	19.445	-0.084	19.462	-0.062	19.477	-0.035
16.282	0.142	16.301	0.138	16.319	0.137	16.337	0.122	19.494	-0.005	19.506	0.022	19.517	0.037	19.530	0.018
16.350	0.114	16.372	0.114	16.393	0.099	16.407	0.083	19.548	-0.039	19.560	-0.073	19.574	0.092	19.587	-0.073
16.421	0.072	16.436	0.068	16.451	0.030	16.465	0.008	19.605	-0.050	19.626	-0.046	19.643	-0.023	19.664	-0.012
16.478	0.003	16.486	0.026	16.494	0.033	16.502	0.018	19.682	0.011	19.699	0.056	19.718	0.109	19.736	0.140
16.515	-0.009	16.527	-0.001	16.539	0.014	16.556	0.017	19.755	0.136	19.774	0.102	19.799	0.091	19.822	0.079
16.571	0.009	16.583	-0.025	16.595	-0.070	16.604	-0.108	19.840	0.064	19.853	0.041	19.867	0.015	19.880	0.030
16.615	-0.128	16.629	-0.116	16.647	-0.086	16.661	-0.052	19.896	0.052	19.914	0.082	19.934	0.079	19.950	0.075
16.675	-0.003	16.689	0.023	16.701	0.015	16.715	0.008	19.971	0.090	19.988	0.105	20.004	0.120	20.018	0.089
16.727	0.027	16.740	0.038	16.756	0.026	16.769	0.000	20.034	0.036	20.047	0.013	20.057	-0.002	20.069	0.013
16.783	-0.065	16.794	-0.111	16.806	-0.137	16.820	-0.130	20.085	-0.074	20.103	0.104	20.124	0.096	20.145	0.069
16.832	-0.096	16.847	-0.043	16.862	-0.020	16.876	0.032	20.166	0.062	20.184	0.043	20.200	0.023	20.226	0.027
16.889	-0.043	16.902	-0.036	16.917	0.010	16.928	0.059	20.242	0.023	20.258	0.000	20.270	-0.019	20.284	0.004
16.943	0.108	16.956	0.138	16.969	0.123	16.982	0.093	20.303	0.049	20.317	0.038	20.334	0.004	20.351	-0.050
16.994	0.077	17.010	0.077	17.024	0.047	17.039	0.013	20.366	-0.080	20.385	-0.058	20.403	-0.032	20.422	-0.009
17.053	-0.002	17.068	0.013	17.081	0.050	17.092	0.084	20.433	-0.024	20.453	-0.070	20.469	-0.059	20.487	-0.037
17.101	0.107	17.109	0.084	17.121	0.054	17.130	0.077	20.506	-0.026	20.521	-0.003	20.533	0.008	20.546	0.000
17.142	0.115	17.154	0.152	17.171	0.137	17.187	0.126	20.565	-0.026	20.584	-0.042	20.604	-0.038	20.620	-0.020
17.204	0.141	17.222	0.163	17.243	0.163	17.266	0.144	20.646	-0.016	20.670	-0.013	20.689	0.006	20.705	0.036
17.283	0.163	17.299	0.182	17.319	0.167	17.336	0.125	20.721	0.058	20.735	-0.003	20.755	-0.003	20.772	-0.033
17.351	0.037	17.367	0.019	17.381	-0.019	17.394	-0.008	20.789	-0.018	20.804	-0.007	20.822	-0.019	20.835	-0.038
17.406	0.072	17.416	0.094	17.431	0.128	17.445	0.109	20.868	-0.050	20.860	-0.031	20.874	0.022	20.888	0.037
17.458	0.067	17.471	0.033	17.481	0.045	17.496	0.075	20.903	0.018	20.919	-0.020	20.934	-0.055	20.948	-0.055
17.509	0.071	17.525	0.060	17.543	0.071	17.559	0.086	20.957	-0.055	20.967	-0.067	20.973	-0.082	20.978	-0.101
17.574	0.101	17.590	0.139	17.605	0.184	17.617	0.222	20.985	-0.116	20.989	-0.128	20.994	-0.135	21.001	-0.143
17.627	0.234	17.637	0.218	17.648	0.192	17.661	0.127	21.009	-0.143	21.018	-0.124	21.035	-0.109	21.052	-0.087
17.673	0.067	17.688	0.025	17.703	-0.005	17.717	0.021	21.068	-0.068	21.082	-0.080	21.095	-0.099	21.112	-0.110
17.728	-0.006	17.742	0.025	17.754	0.028	17.772	0.025	21.134	-0.099	21.151	-0.085	21.170	-0.081	21.185	-0.085
17.787	0.013	17.797	-0.025	17.811	-0.097	17.822	-0.131	21.201	-0.100	21.216	-0.108	21.230	-0.143	21.240	-0.184
17.836	-0.112	17.853	-0.097	17.871	-0.074	17.883	-0.082	21.251	-0.144	21.265	-0.181	21.285	-0.151	21.302	-0.151
17.897	-0.127	17.905	-0.154	17.915	-0.177	17.927	-0.165	21.319	-0.144	21.338	-0.133	21.353	-0.122	21.371	-0.099
17.945	-0.124	17.964	-0.078	17.974	-0.056	17.990	-0.041	21.389	-0.099	21.408	-0.122	21.434	-0.126	21.450	-0.115
18.002	-0.048	18.017	-0.086	18.036	-0.128	18.056	-0.139	21.469	-0.096	21.481	-0.107	21.499	-0.134	21.519	-0.160
18.070	-0.128	18.082	-0.124	18.100	-0.147	18.116	-0.128	21.533	-0.168	21.542	-0.172	21.560	-0.134	21.575	-0.096
18.135	-0.102	18.147	-0.128	18.159	-0.155	18.170	-0.174	21.587	-0.085	21.609	-0.119	21.634	-0.154	21.653	-0.157
18.182	-0.159	18.194	-0.140	18.206	-0.125	18.217	-0.144	21.667	-0.142	21.680	-0.123	21.696	-0.116	21.717	-0.071
18.230	-0.174	18.244	-0.174	18.258	-0.163	18.279	-0.182	21.878	-0.075	21.897	-0.056	21.918	-0.041	21.862	-0.064
18.297	-0.167	18.313	-0.156	18.331	-0.148	18.347	-0.152	21.802	0.067	21.824	-0.037	21.839	-0.041	21.862	-0.064
18.360	-0.186	18.369	-0.209	18.378	-0.224	18.391	-0.209	21.951	-0.071	21.974	-0.071	21.992	-0.071	22.007	-0.094
18.406	-0.175	18.422	-0.129	18.431	-0.076	18.443	-0.031	22.028	-0.117	22.047	-0.090	22.062	-0.087	22.074	-0.109
18.455	0.003	18.466	0.022	18.478	0.015	18.490	0.012	22.086	-0.140	22.107	-0.170	22.126	-0.166	22.138	-0.166
18.505	-0.046	18.522	-0.068	18.538	-0.080	18.552	-0.099	22.156	-0.196	22.168	-0.196	22.188	-0.174	22.214	-0.128
18.569	-0.133	18.584	-0.156	18.600	-0.144	18.615	-0.118	22.236	-0.087	22.253	-0.068	22.272	-0.064	22.297	-0.033
18.632	-0.087	18.642	-0.103	18.656	-0.144	18.669	-0.167	22.319	-0.026	22.334	-0.041	22.352	-0.060	22.375	-0.041
18.751	-0.114	18.766	-0.122	18.781	-0.103	18.794	-0.080	22.400	-0.018	22.417	-0.030	22.438	-0.045	22.459	-0.060
18.812	-0.072	18.827	-0.091	18.847	-0.129	18.865	-0.171	22.473	-0.060	22.489	-0.053	22.508	-0.068	22.516	-0.072
18.881	-0.167	18.898	-0.159	18.912	-0.170	18.931	-0.151	22.537	-0.038	22.556	-0.019	22.571	-0.030	22.582	-0.038
18.953	-0.163	18.971	-0.144	18.988	-0.117	18.999	-0.151	22.607	-0.015	22.623	-0.015	22.634	-0.026	22.649	-0.045
19.011	-0.177	19.023	-0.193	19.038	-0.177	19.058	-0.132	22.670	-0.110	22.680	-0.148	22.700	-0.163	22.728	-0.125
19.072	-0.105	19.084	-0.124	19.100	-0.158	19.118	-0.181	22.753	-0.076	22.783	-0.034	22.799	-0.046	22.812	-0.049
19.135	-0.180	19.154	-0.173	19.172	-0.169	19.185	-0.139	22.826	-0.050	22.856	-0.031	22.879	-0.080	22.887	-0.103
19.201	-0.089	19.215	-0.047	19.230	-0.025	19.243	-0.040	22.909	-0.126	22.924	-0.122	22.949	-0.084	22.974	-0.054
19.258	-0.075	19.274	-0.123	19.289	-0.115	19.301	-0.100	23.002	-0.028	23.017	0.018	23.036	0.055	23.053	0.006
19.314	-0.089	19.325	-0.111	19.340	-0.160	19.352	-0.187	23.076	-0.047	23.096	-0.059	23.116	-0.085	23.139	-0.029
19.362	-0.172	19.377	-0.111	19.390	-0.086	19.406	-0.043	23.160	0.013	23.193	-0.044	23.220	-0.029	23.241	-0.006

23.275	0.039	23.296	0.065	23.329	-0.014	23.348	0.031
23.371	0.061	23.400	0.046	23.435	0.023	23.457	0.004
23.484	-0.049	23.506	-0.015	23.524	0.015	23.551	-0.038
23.570	-0.073	23.595	-0.065	23.621	-0.099	23.650	-0.077
23.673	-0.066	23.693	-0.051	23.715	-0.055	23.742	-0.074
23.768	-0.100	23.791	-0.100	23.817	-0.112	23.836	-0.135
23.864	-0.116	23.882	-0.112	23.916	-0.048	23.932	-0.056
23.947	-0.071	23.979	-0.037	24.004	-0.052	24.038	-0.018
24.061	-0.053	24.096	-0.102	24.129	-0.076	24.145	-0.121
24.166	-0.163	24.193	-0.125	24.212	-0.095	24.232	-0.129
24.256	-0.171	24.283	-0.130	24.307	-0.107	24.333	-0.157
24.355	-0.202	24.375	-0.232	24.401	-0.176	24.430	-0.108
24.448	-0.153	24.464	-0.168	24.488	-0.146	24.505	-0.131
24.527	-0.161	24.558	-0.210	24.577	-0.211	24.602	-0.203
24.623	-0.180	24.653	-0.207	24.680	-0.158	24.699	-0.097
24.715	-0.075	24.731	-0.097	24.753	-0.154	24.771	-0.177
24.795	-0.166	24.809	-0.166	24.832	-0.158	24.855	-0.166
24.876	-0.185	24.893	-0.185	24.919	-0.182	24.943	-0.151
24.961	-0.132	24.989	-0.140	25.013	-0.091	25.033	-0.061
25.058	-0.053	25.077	-0.034	25.098	-0.031	25.119	-0.023
25.143	-0.050	25.164	-0.023	25.180	-0.020	25.196	-0.050
25.209	-0.065	25.240	-0.027	25.267	-0.012	25.286	-0.020
25.312	-0.028	25.336	-0.013	25.354	-0.032		

1580 POINTS 25.364 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, 6/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1282 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.065	0.021	-0.090	0.030	-0.070	0.042	-0.036	2.457	0.185	2.471	0.061	2.488	-0.022	2.507	-0.085	2.520	-0.090	2.530	-0.106
0.058	-0.045	0.069	0.001	0.086	0.022	0.092	0.001	2.530	-0.106	2.548	-0.172	2.566	-0.110	2.586	-0.090	2.600	-0.100	2.610	-0.110
0.101	-0.020	0.117	-0.012	0.129	0.001	0.142	0.022	2.601	0.018	2.617	0.084	2.634	0.129	2.653	0.109	2.665	0.120	2.675	0.130
0.153	0.005	0.168	-0.016	0.178	0.046	0.188	0.175	2.669	0.212	2.689	0.104	2.713	0.182	2.727	0.186	2.740	0.197	2.750	0.207
0.195	0.229	0.215	0.146	0.235	0.171	0.243	0.154	2.750	0.269	2.766	0.145	2.782	-0.017	2.799	0.119	2.810	-0.027	2.820	-0.037
0.258	0.067	0.274	0.150	0.290	0.220	0.302	0.133	2.811	0.248	2.826	0.161	2.838	0.011	2.854	-0.063	2.865	-0.074	2.875	-0.085
0.311	0.009	0.324	-0.053	0.339	-0.074	0.347	-0.007	2.874	0.098	2.890	0.139	2.911	0.272	2.927	0.156	2.938	-0.067	2.948	-0.078
0.357	0.071	0.367	0.154	0.384	0.121	0.402	0.104	2.941	-0.052	2.965	-0.122	2.985	0.064	3.001	0.035	3.012	-0.046	3.022	-0.057
0.420	0.017	0.440	0.125	0.460	0.063	0.483	0.109	3.019	0.043	3.041	-0.193	3.053	-0.028	3.071	0.200	3.082	-0.091	3.092	-0.102
0.505	-0.028	0.518	0.075	0.529	0.179	0.539	0.100	3.086	0.109	3.105	-0.007	3.123	0.050	3.135	0.083	3.146	-0.094	3.156	-0.105
0.553	0.063	0.564	0.051	0.573	-0.012	0.591	-0.090	3.148	0.050	3.169	0.009	3.187	0.054	3.211	0.199	3.222	-0.100	3.232	-0.111
0.605	-0.016	0.620	0.022	0.633	0.088	0.647	0.150	3.240	0.141	3.252	0.236	3.271	0.327	3.288	0.198	3.299	-0.109	3.309	-0.120
0.663	0.175	0.677	0.183	0.692	0.109	0.713	0.150	3.307	0.119	3.324	0.165	3.339	0.243	3.357	0.077	3.368	-0.088	3.378	-0.099
0.733	0.092	0.744	0.158	0.753	0.216	0.766	0.109	3.376	-0.059	3.394	-0.039	3.417	0.011	3.435	0.036	3.446	-0.047	3.456	-0.058
0.784	0.013	0.799	0.088	0.812	0.129	0.829	0.150	3.449	-0.101	3.465	-0.180	3.483	-0.159	3.505	-0.052	3.516	-0.063	3.526	-0.074
0.841	0.100	0.854	0.022	0.867	-0.082	0.882	-0.115	3.527	-0.230	3.542	-0.069	3.556	0.089	3.576	0.064	3.587	-0.075	3.597	-0.086
0.895	-0.020	0.905	0.158	0.915	0.253	0.925	0.104	3.590	0.217	3.605	0.395	3.623	0.415	3.644	0.419	3.655	-0.090	3.665	-0.101
0.940	0.001	0.958	0.042	0.976	0.104	0.991	0.167	3.666	0.100	3.687	0.382	3.706	0.262	3.724	0.096	3.735	-0.107	3.745	-0.118
1.004	0.009	1.020	-0.056	1.035	-0.082	1.053	0.026	3.737	0.144	3.755	0.092	3.782	-0.128	3.805	-0.058	3.816	-0.069	3.826	-0.080
1.065	0.067	1.077	0.109	1.088	0.022	1.103	-0.												

5.240	0.235	5.255	0.011	5.265	-0.076	5.280	-0.002	8.387	-0.122	8.409	-0.064	8.427	-0.080	8.441	0.010
5.289	0.072	5.303	0.143	5.316	0.155	5.335	0.080	8.456	0.122	8.468	0.192	8.483	0.126	8.499	0.051
5.356	0.137	5.371	0.079	5.389	0.087	5.408	-0.013	8.513	0.002	8.525	-0.052	8.540	-0.073	8.549	0.022
5.427	0.037	5.450	0.030	5.462	0.082	5.473	0.169	8.562	0.121	8.576	0.150	8.582	0.105	8.596	0.071
5.487	0.011	5.504	-0.093	5.522	-0.014	5.541	0.089	8.607	0.146	8.624	0.270	8.636	0.208	8.654	0.195
5.556	0.155	5.572	0.213	5.582	0.125	5.598	0.022	8.668	0.269	8.681	0.331	8.702	0.381	8.715	0.356
5.613	-0.008	5.624	0.083	5.637	0.182	5.654	0.091	8.726	0.298	8.748	0.207	8.759	0.252	8.774	0.289
5.675	-0.017	5.684	-0.083	5.697	-0.125	5.709	-0.051	8.786	0.190	8.808	0.123	8.825	0.111	8.844	0.140
5.722	-0.009	5.741	-0.022	5.757	0.007	5.767	0.064	8.855	0.193	8.869	0.264	8.881	0.172	8.899	0.077
5.781	-0.110	5.796	-0.007	5.811	0.072	5.825	0.072	8.919	0.176	8.936	0.114	8.951	0.035	8.969	-0.002
5.843	-0.003	5.858	0.129	5.871	0.212	5.885	0.348	8.988	0.014	9.007	0.026	9.020	-0.011	9.036	-0.049
5.900	0.406	5.912	0.323	5.922	0.190	5.942	0.053	9.054	0.005	9.069	-0.090	9.085	-0.227	9.098	-0.289
5.954	0.152	5.964	0.371	5.975	0.425	5.986	0.301	9.110	-0.223	9.121	-0.136	9.138	0.008	9.147	0.021
5.999	-0.018	6.015	-0.213	6.028	-0.334	6.039	-0.400	9.165	0.037	9.185	0.066	9.208	0.078	9.232	0.069
6.051	-0.235	6.066	0.034	6.088	-0.132	6.100	-0.020	9.251	0.065	9.271	0.057	9.295	0.106	9.312	0.168
6.113	0.037	6.124	-0.062	6.139	-0.112	6.159	0.020	9.325	0.114	9.342	0.039	9.361	0.018	9.373	0.052
6.172	-0.026	6.193	-0.051	6.220	-0.134	6.229	-0.010	9.393	0.105	9.403	0.035	9.424	-0.052	9.441	-0.015
6.249	0.118	6.260	0.064	6.269	-0.003	6.297	-0.057	9.455	-0.015	9.469	-0.110	9.485	-0.226	9.497	-0.334
6.299	0.005	6.307	0.046	6.330	-0.033	6.344	0.116	9.512	-0.425	9.521	-0.450	9.535	-0.376	9.555	-0.231
6.363	0.178	6.378	0.252	6.388	0.318	6.401	0.235	9.568	-0.098	9.584	0.022	9.597	-0.061	9.609	-0.169
6.414	0.156	6.430	0.069	6.443	-0.072	6.455	-0.151	9.626	-0.136	9.643	-0.198	9.655	-0.273	9.672	-0.244
6.477	-0.164	6.490	-0.106	6.513	0.030	6.524	-0.032	9.692	-0.223	9.709	-0.178	9.725	-0.145	9.742	-0.157
6.542	-0.082	6.546	0.017	6.557	0.216	6.568	0.303	9.766	-0.182	9.782	-0.219	9.801	-0.257	9.817	-0.377
6.582	0.182	6.592	0.029	6.603	-0.129	6.618	-0.199	9.829	-0.427	9.841	-0.340	9.862	-0.211	9.869	-0.062
6.630	-0.092	6.642	-0.017	6.655	-0.096	6.670	-0.204	9.880	0.046	9.894	0.116	9.924	0.195	9.930	0.075
6.683	-0.122	6.695	-0.022	6.712	0.031	6.736	0.122	9.935	-0.016	9.965	-0.062	9.969	-0.062	9.983	-0.037
6.746	0.026	6.765	-0.098	6.776	0.001	6.789	0.092	9.999	-0.012	10.010	-0.142	10.038	0.142	10.047	0.071
6.801	0.055	6.818	0.021	6.830	0.100	6.839	0.166	10.056	-0.020	10.071	-0.057	10.086	-0.094	10.100	-0.218
6.853	0.244	6.866	0.153	6.879	0.128	6.892	0.153	10.113	0.268	10.126	-0.185	10.139	-0.094	10.158	0.027
6.908	0.148	6.920	0.049	6.933	-0.055	6.947	-0.075	10.172	0.139	10.185	0.126	10.200	0.139	10.211	0.093
6.960	-0.001	6.979	0.028	6.992	0.115	7.009	0.181	10.225	0.010	10.240	-0.023	10.256	-0.051	10.270	0.077
7.022	0.127	7.036	0.065	7.051	-0.052	7.058	-0.068	10.283	0.193	10.306	0.131	10.333	0.185	10.357	0.107
7.070	0.064	7.085	0.168	7.098	0.201	7.115	0.217	10.378	0.140	10.396	0.082	10.411	0.016	10.431	0.032
7.125	0.329	7.137	0.416	7.145	0.349	7.158	0.250	10.457	-0.026	10.470	0.032	10.489	0.074	10.502	-0.001
7.173	0.184	7.186	0.237	7.199	0.245	7.208	0.134	10.524	-0.067	10.538	-0.183	10.566	-0.269	10.574	-0.232
7.232	-0.007	7.235	0.067	7.253	0.146	7.262	0.067	10.593	-0.191	10.611	-0.153	10.625	-0.116	10.647	-0.153
7.275	-0.103	7.290	-0.290	7.306	-0.116	7.330	0.037	10.665	-0.083	10.687	-0.244	10.706	-0.319	10.720	-0.273
7.331	-0.066	7.348	-0.269	7.359	-0.182	7.370	-0.071	10.735	-0.207	10.742	-0.107	10.760	0.017	10.767	-0.008
7.383	-0.009	7.394	0.041	7.418	0.008	7.430	0.123	10.778	-0.074	10.793	-0.115	10.805	-0.169	10.818	-0.223
7.445	0.227	7.463	0.322	7.477	0.185	7.488	-0.047	10.832	-0.244	10.848	-0.243	10.858	-0.223	10.867	-0.161
7.502	-0.121	7.520	-0.167	7.533	-0.043	7.545	0.180	10.874	-0.127	10.880	-0.107	10.894	-0.127	10.905	-0.111
7.552	0.288	7.571	0.230	7.584	0.263	7.603	0.292	10.919	-0.082	10.931	-0.065	10.946	-0.074	10.957	-0.020
7.627	0.283	7.649	0.163	7.670	0.097	7.685	0.005	10.970	0.030	10.985	0.055	10.996	0.067	11.007	0.051
7.704	-0.044	7.713	0.063	7.734	0.270	7.745	0.220	11.017	0.013	11.027	-0.012	11.035	0.009	11.047	0.075
7.757	0.220	7.778	0.270	7.786	0.112	7.801	-0.025	11.060	0.096	11.068	0.088	11.080	0.055	11.091	0.030
7.812	-0.128	7.824	-0.166	7.834	-0.070	7.842	0.062	11.107	0.026	11.119	-0.003	11.132	-0.041	11.144	-0.028
7.858	0.161	7.875	0.153	7.891	0.103	7.900	0.157	11.155	0.017	11.169	0.088	11.183	0.175	11.196	0.208
7.914	0.219	7.923	0.132	7.934	-0.018	7.947	-0.105	11.205	0.200	11.214	0.158	11.226	0.138	11.240	0.162
7.958	-0.010	7.969	0.077	7.976	0.148	7.988	0.218	11.255	0.233	11.274	0.299	11.292	0.349	11.311	0.386
8.001	0.102	8.008	-0.047	8.024	-0.089	8.032	-0.027	11.322	0.403	11.338	0.386	11.353	0.378	11.370	0.357
8.044	0.072	8.056	0.010	8.074	-0.085	8.098	-0.156	11.387	0.316	11.409	0.295	11.424	0.257	11.445	0.208
8.098	-0.081	8.107	-0.028	8.129	0.014	8.141	0.129	11.464	0.154	11.484	0.125	11.494	0.104	11.504	0.083
8.153	0.237	8.174	0.282	8.179	0.257	8.192	0.224	11.519	0.096	11.535	0.116	11.552	0.125	11.565	0.133
8.203	0.100	8.221	-0.091	8.236	-0.041	8.260	0.016	11.582	0.112	11.601	0.108	11.621	0.108	11.631	0.087
8.261	-0.046	8.269	-0.149	8.282	-0.187	8.302	-0.050	11.645	0.042	11.661	0.013	11.675	-0.025	11.684	-0.045
8.327	-0.125	8.339	-0.018	8.355	0.077	8.370	-0.034	11.694	-0.021	11.704	0.021	11.714	0.037	11.724	0.008

11.734	-0.041	11.750	-0.099	11.766	-0.087	11.780	-0.075	15.038	-0.142	15.049	-0.130	15.062	-0.143	15.074	-0.118
11.798	-0.070	11.809	-0.046	11.823	-0.013	11.834	-0.037	15.087	-0.077	15.099	-0.061	15.117	-0.069	15.134	-0.090
11.849	-0.083	11.869	-0.100	11.885	-0.125	11.900	-0.141	15.154	-0.091	15.174	-0.079	15.192	-0.055	15.205	-0.034
11.913	-0.141	11.927	-0.108	11.945	-0.079	11.963	-0.084	15.215	-0.024	15.225	-0.090	15.235	-0.167	15.247	0.150
11.974	-0.084	11.989	-0.076	12.004	-0.088	12.016	-0.109	15.263	0.143	15.285	0.155	15.300	0.167	15.318	0.150
12.028	-0.138	12.038	-0.117	12.055	-0.051	12.070	-0.014	15.335	0.129	15.360	0.140	15.385	0.123	15.400	0.131
12.083	-0.018	12.095	-0.027	12.107	0.002	12.120	0.068	15.411	0.144	15.421	0.131	15.430	0.102	15.441	0.093
12.135	-0.073	12.152	-0.097	12.165	0.118	12.178	0.105	15.456	0.148	15.475	0.150	15.492	0.154	15.514	0.183
12.193	0.047	12.205	0.014	12.221	0.043	12.236	0.101	15.533	0.216	15.551	0.252	15.567	0.273	15.586	0.281
12.249	0.151	12.262	0.221	12.273	0.242	12.292	0.204	15.607	0.280	15.628	0.263	15.645	0.242	15.666	0.229
12.307	0.208	12.316	0.183	12.328	0.121	12.341	0.075	15.684	0.225	15.702	0.208	15.721	0.203	15.742	0.186
12.358	0.071	12.372	0.054	12.388	0.067	12.404	0.120	15.760	0.165	15.777	0.152	15.790	0.115	15.799	0.078
12.420	0.141	12.428	0.128	12.439	0.062	12.449	0.024	15.809	0.061	15.824	0.069	15.839	0.077	15.853	0.052
12.461	0.037	12.474	0.049	12.492	0.065	12.510	0.102	15.867	0.010	15.883	-0.028	15.900	-0.069	15.916	-0.103
12.522	0.085	12.538	0.031	12.554	-0.006	12.568	0.006	15.931	-0.128	15.947	-0.120	15.961	-0.120	15.976	-0.075
12.580	0.027	12.593	0.001	12.605	-0.057	12.617	-0.082	15.994	-0.071	16.012	-0.084	16.026	-0.105	16.043	-0.147
12.635	-0.074	12.656	-0.066	12.669	-0.091	12.685	-0.120	16.058	-0.168	16.071	-0.147	16.085	-0.168	16.095	-0.177
12.698	-0.128	12.717	-0.125	12.733	-0.141	12.747	-0.175	16.106	-0.197	16.124	-0.185	16.140	-0.153	16.159	-0.140
12.759	-0.191	12.773	-0.183	12.791	-0.171	12.806	-0.159	16.180	-0.157	16.195	-0.141	16.211	-0.121	16.227	-0.113
12.821	-0.176	12.838	-0.201	12.852	-0.197	12.872	-0.222	16.240	-0.134	16.256	-0.171	16.269	-0.147	16.286	-0.126
12.887	-0.202	12.903	-0.177	12.914	-0.165	12.926	-0.182	16.306	-0.143	16.322	-0.139	16.334	-0.127	16.349	-0.144
12.938	-0.232	12.953	-0.269	12.961	-0.257	12.973	-0.195	16.364	-0.173	16.379	-0.186	16.394	-0.169	16.415	-0.141
12.985	-0.175	12.999	-0.191	13.011	-0.208	13.021	-0.192	16.433	-0.124	16.447	-0.116	16.465	-0.133	16.479	-0.158
13.034	-0.142	13.048	-0.105	13.066	-0.126	13.079	-0.106	16.493	-0.167	16.511	-0.150	16.529	-0.121	16.543	-0.105
13.092	-0.065	13.109	-0.040	13.124	-0.011	13.139	-0.016	16.561	-0.114	16.575	-0.097	16.591	-0.077	16.603	-0.089
13.151	-0.024	13.169	-0.025	13.185	-0.025	13.201	-0.005	16.619	-0.106	16.639	-0.094	16.659	-0.086	16.679	-0.069
13.218	0.036	13.236	0.073	13.254	0.085	13.270	0.114	16.763	-0.037	16.777	-0.054	16.793	-0.042	16.810	-0.055
13.283	0.130	13.299	0.130	13.315	0.101	13.330	0.072	16.793	-0.062	16.809	-0.051	16.827	-0.030	16.874	-0.001
13.349	0.067	13.361	0.038	13.374	0.001	13.394	0.000	16.825	-0.063	16.839	-0.051	16.857	-0.030	16.874	-0.001
13.412	0.012	13.431	0.029	13.443	0.016	13.456	-0.026	16.891	0.019	16.910	0.027	16.927	0.019	16.944	0.007
13.468	-0.063	13.481	-0.092	13.499	-0.084	13.510	-0.097	16.961	0.006	16.980	0.002	16.994	0.014	17.010	0.031
13.520	-0.122	13.529	-0.105	13.540	-0.064	13.553	-0.043	17.022	0.014	17.039	-0.006	17.056	-0.027	17.066	-0.044
13.568	-0.052	13.583	-0.060	13.595	-0.119	13.606	-0.193	17.086	-0.032	17.103	-0.044	17.119	-0.077	17.139	-0.073
13.619	-0.247	13.633	-0.277	13.650	-0.281	13.665	-0.294	17.158	-0.061	17.175	-0.061	17.189	-0.094	17.205	-0.115
13.677	-0.302	13.690	-0.286	13.703	-0.273	13.714	-0.298	17.219	-0.099	17.240	-0.074	17.257	-0.087	17.276	-0.107
13.728	-0.348	13.743	-0.390	13.756	-0.411	13.768	-0.399	17.287	-0.099	17.303	-0.083	17.315	-0.099	17.325	-0.124
13.783	-0.337	13.797	-0.287	13.809	-0.267	13.829	-0.242	17.336	-0.133	17.349	-0.116	17.361	-0.112	17.379	-0.120
13.844	-0.226	13.861	-0.185	13.879	-0.173	13.898	-0.144	17.394	-0.129	17.409	-0.116	17.426	-0.116	17.442	-0.100
13.913	-0.103	13.928	-0.033	13.938	0.046	13.950	0.054	17.458	-0.092	17.477	-0.108	17.493	-0.092	17.510	-0.063
13.967	0.049	13.983	0.049	14.001	0.073	14.017	0.106	17.527	-0.055	17.541	-0.042	17.559	-0.018	17.577	-0.005
14.029	0.106	14.044	0.089	14.059	0.109	14.074	0.134	17.594	-0.009	17.612	-0.030	17.628	-0.022	17.643	0.011
14.086	0.142	14.098	0.129	14.111	0.104	14.126	0.087	17.658	0.032	17.676	0.044	17.696	0.056	17.711	0.065
14.141	0.104	14.158	0.128	14.177	0.128	14.190	0.160	17.727	0.048	17.748	0.064	17.762	0.081	17.780	0.077
14.208	0.189	14.226	0.201	14.244	0.193	14.265	0.205	17.796	0.097	17.815	0.122	17.828	0.114	17.846	0.085
14.280	0.204	14.299	0.196	14.319	0.183	14.336	0.178	17.865	0.097	17.890	0.093	17.910	0.089	17.929	0.089
14.359	0.186	14.381	0.177	14.401	0.160	14.418	0.143	17.943	0.076	17.964	0.055	17.985	0.047	18.003	0.034
14.436	0.142	14.451	0.117	14.465	0.084	14.482	0.087	18.022	0.009	18.039	-0.007	18.061	-0.024	18.076	-0.003
14.497	0.075	14.516	0.024	14.534	-0.047	14.552	0.088	18.096	0.026	18.115	0.042	18.133	0.055	18.155	0.059
14.571	-0.105	14.585	-0.106	14.597	-0.077	14.610	-0.053	18.180	0.067	18.200	0.067	18.216	0.071	18.240	0.071
14.625	-0.070	14.637	-0.078	14.650	-0.074	14.664	-0.096	18.256	0.071	18.273	0.083	18.289	0.087	18.304	0.079
14.680	-0.121	14.696	-0.109	14.710	-0.093	14.729	-0.114	18.320	0.037	18.337	0.008	18.353	0.016	18.369	0.037
14.744	-0.106	14.758	-0.081	14.769	-0.036	14.781	-0.057	18.385	0.016	18.403	-0.029	18.419	-0.054	18.440	-0.046
14.793	-0.099	14.805	-0.124	14.825	-0.133	14.848	-0.142	18.456	-0.037	18.478	-0.046	18.492	-0.062	18.506	-0.095
14.857	-0.167	14.871	-0.142	14.883	-0.122	14.895	-0.151	18.519	-0.108	18.538	-0.104	18.561	-0.104	18.578	-0.116
14.907	-0.176	14.926	-0.177	14.945	-0.190	14.960	-0.178	18.592	-0.100	18.606	-0.087	18.622	-0.104	18.638	-0.112
14.977	-0.137	14.992	-0.112	15.005	-0.129	15.020	-0.154	18.656	-0.116	18.672	-0.124	18.691	-0.120	18.710	-0.104

18.728	-0.100	18.763	-0.095	18.756	-0.112	18.775	-0.141	22.641	-0.037	22.658	-0.012	22.680	0.004	22.703	-0.004
18.792	-0.133	18.807	-0.108	18.821	-0.095	18.835	-0.104	22.719	-0.012	22.738	-0.029	22.761	-0.045	22.781	-0.017
18.852	-0.124	18.870	-0.112	18.887	-0.095	18.904	-0.091	22.800	0.004	22.811	0.004	22.826	-0.013	22.845	-0.037
18.918	-0.091	18.935	-0.082	18.951	-0.078	18.970	-0.074	22.867	-0.025	22.893	-0.013	22.910	-0.017	22.928	-0.025
18.986	-0.066	19.000	-0.078	19.018	-0.111	19.035	-0.119	22.946	-0.042	22.962	-0.063	22.978	-0.075	22.996	-0.067
19.051	-0.107	19.070	-0.069	19.087	-0.057	19.109	-0.048	23.009	-0.067	23.028	-0.051	23.048	-0.043	23.069	-0.051
19.130	-0.052	19.152	-0.048	19.171	-0.060	19.185	-0.052	23.086	-0.031	23.098	-0.027	23.117	-0.056	23.129	-0.064
19.198	-0.044	19.220	-0.056	19.240	-0.039	19.256	-0.027	23.150	-0.048	23.174	-0.035	23.197	-0.031	23.217	-0.044
19.273	-0.022	19.292	-0.031	19.310	-0.043	19.324	-0.063	23.239	-0.056	23.262	-0.061	23.281	-0.073	23.296	-0.061
19.339	-0.092	19.361	-0.088	19.385	-0.088	19.408	-0.084	23.317	-0.053	23.341	-0.069	23.359	-0.070	23.378	-0.086
19.428	-0.084	19.490	-0.080	19.504	-0.084	19.521	-0.051	23.403	-0.095	23.423	-0.074	23.441	-0.078	23.457	-0.083
19.537	-0.034	19.561	-0.038	19.580	-0.034	19.601	-0.038	23.472	-0.079	23.491	-0.083	23.511	-0.095	23.529	-0.079
19.619	-0.050	19.633	-0.050	19.651	-0.038	19.665	-0.030	23.548	-0.067	23.559	-0.071	23.578	-0.083	23.594	-0.063
19.680	-0.042	19.697	-0.046	19.715	-0.046	19.731	-0.034	23.609	-0.063	23.627	-0.092	23.639	-0.104	23.658	-0.105
19.747	-0.025	19.762	-0.033	19.775	-0.042	19.790	-0.025	23.673	-0.105	23.690	-0.105	23.709	-0.092	23.728	-0.113
19.807	-0.009	19.826	0.004	19.846	0.008	19.864	0.016	23.747	-0.130	23.769	-0.126	23.790	-0.122	23.811	-0.105
19.884	0.020	19.902	0.028	19.917	0.012	19.934	-0.001	23.835	-0.114	23.856	-0.118	23.876	-0.127	23.891	-0.143
19.957	0.007	19.975	0.007	19.991	0.024	20.010	0.028	23.908	-0.139	23.930	-0.127	23.947	-0.119	23.962	-0.123
20.026	0.032	20.044	0.048	20.059	0.031	20.074	0.015	23.975	-0.123	23.990	-0.131	24.013	-0.144	24.036	-0.119
20.093	0.023	20.110	0.039	20.132	0.060	20.156	0.088	24.059	-0.115	24.080	-0.111	24.102	-0.120	24.117	-0.124
20.173	0.109	20.187	0.084	20.203	0.055	20.225	0.059	24.147	-0.124	24.165	-0.124	24.177	-0.120	24.201	-0.095
20.243	0.038	20.263	0.017	20.283	0.017	20.298	0.029	24.226	-0.079	24.238	-0.087	24.263	-0.092	24.286	-0.084
20.317	0.021	20.334	0.012	20.352	-0.000	20.369	-0.029	24.310	-0.075	24.332	-0.063	24.351	-0.067	24.376	-0.072
20.388	-0.042	20.411	-0.043	20.434	-0.039	20.450	-0.060	24.396	-0.092	24.419	-0.105	24.445	-0.080	24.464	-0.084
20.536	-0.094	20.550	-0.115	20.561	-0.128	20.580	-0.124	24.484	-0.085	24.500	-0.080	24.516	-0.076	24.537	-0.076
20.595	-0.116	20.609	-0.125	20.628	-0.112	20.645	-0.129	24.558	-0.043	24.580	-0.031	24.607	-0.031	24.638	-0.044
20.665	-0.146	20.681	-0.159	20.697	-0.151	20.718	-0.126	24.659	-0.056	24.680	-0.061	24.705	-0.073	24.728	-0.065
20.736	-0.110	20.754	-0.110	20.776	-0.102	20.798	-0.095	24.751	-0.053	24.773	-0.065	24.795	-0.073	24.812	-0.078
20.820	-0.087	20.840	-0.091	20.860	-0.079	20.872	-0.075	24.836	-0.090	24.871	-0.045	24.892	-0.045	24.905	-0.045
20.888	-0.084	20.908	-0.084	20.924	-0.072	20.945	-0.056	24.919	-0.045	24.940	-0.045	24.973	-0.041	24.996	-0.058
20.960	-0.043	20.980	-0.019	20.996	-0.007	21.015	-0.001	25.024	-0.070	25.046	-0.095	25.056	-0.103	25.085	-0.083
21.030	-0.007	21.044	-0.016	21.063	-0.008	21.085	-0.008	25.117	-0.087	25.146	-0.083	25.167	-0.071	25.191	-0.063
21.097	-0.004	21.108	-0.013	21.116	-0.025	21.128	-0.034	25.208	-0.079	25.224	-0.079	25.250	-0.071	25.269	-0.071
21.137	-0.046	21.146	-0.055	21.158	-0.059	21.168	-0.063	25.281	-0.051	25.298	-0.030	25.316	-0.030	25.336	-0.022
21.179	-0.064	21.192	-0.064	21.204	-0.064	21.217	-0.068	25.346	-0.014	25.354	-0.014	25.360	-0.014	25.364	-0.014
21.237	-0.081	21.249	-0.098	21.265	-0.102	21.279	-0.102								
21.295	-0.094	21.312	-0.091	21.330	-0.087	21.350	-0.100								
21.367	-0.120	21.381	-0.125	21.396	-0.125	21.412	-0.129								
21.426	-0.146	21.441	-0.150	21.454	-0.150	21.472	-0.133								
21.488	-0.129	21.501	-0.138	21.516	-0.138	21.537	-0.146								
21.551	-0.146	21.568	-0.138	21.584	-0.122	21.606	-0.085								
21.620	-0.093	21.637	-0.105	21.659	-0.110	21.674	-0.110								
21.692	-0.114	21.708	-0.131	21.725	-0.118	21.744	-0.110								
21.761	-0.123	21.779	-0.148	21.798	-0.169	21.815	-0.148								
21.836	-0.123	21.849	-0.123	21.866	-0.111	21.881	-0.115								
21.893	-0.115	21.909	-0.115	21.932	-0.115	21.951	-0.098								
21.966	-0.090	21.990	-0.070	22.018	-0.070	22.028	-0.070								
22.046	-0.057	22.063	-0.036	22.078	-0.024	22.092	-0.012								
22.111	-0.032	22.128	-0.024	22.143	-0.020	22.171	-0.036								
22.192	-0.032	22.202	-0.032	22.211	-0.032	22.230	-0.028								
22.263	-0.001	22.284	-0.016	22.307	-0.007	22.326	-0.007								
22.350	0.007	22.375	0.001	22.392	-0.007	22.407	0.001								
22.431	0.009	22.447	-0.008	22.461	-0.020	22.479	-0.016								
22.495	-0.016	22.516	-0.024	22.534	-0.008	22.553	-0.008								
22.565	-0.008	22.588	-0.008	22.607	-0.008	22.621	-0.020								

71-130 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. 8TH FLOOR N29E

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3975 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.010	0.013	0.111	0.030	0.201	0.040	0.253	2.076	0.015	2.094	-0.064	2.113	-0.139	2.123	-0.169
0.063	0.264	0.085	0.264	0.097	0.246	0.109	0.171	2.135	-0.120	2.146	-0.045	2.157	0.055	2.170	0.134
0.119	0.066	0.039	-0.129	0.137	-0.125	0.186	-0.200	2.186	0.190	2.198	0.224	2.210	0.197	2.230	0.134
0.161	-0.278	0.169	-0.327	0.175	-0.346	0.184	-0.331	2.249	0.055	2.262	-0.009	2.274	-0.046	2.285	-0.012
0.191	-0.293	0.203	-0.188	0.201	-0.069	0.227	0.029	2.301	0.085	2.316	0.145	2.330	0.145	2.353	0.137
0.235	0.096	0.248	0.156	0.257	0.204	0.266	0.294	2.367	0.096	2.381	0.025	2.398	0.028	2.413	-0.080
0.275	0.328	0.287	0.335	0.296	0.305	0.306	0.242	2.424	-0.090	2.439	-0.058	2.457	0.017	2.473	0.073
0.315	0.167	0.327	0.070	0.336	-0.028	0.348	-0.125	2.484	0.082	2.494	0.058	2.512	-0.028	2.525	-0.088
0.361	-0.200	0.375	-0.237	0.385	-0.233	0.396	-0.185	2.543	0.129	2.551	-0.141	2.563	-0.103	2.583	-0.011
0.408	-0.091	0.421	0.025	0.434	0.100	0.449	0.126	2.599	0.031	2.620	0.035	2.641	0.039	2.654	0.020
0.464	0.122	0.473	0.111	0.486	0.137	0.501	0.201	2.666	-0.047	2.680	-0.122	2.689	-0.149	2.698	-0.111
0.518	0.223	0.530	0.212	0.544	0.160	0.560	0.055	2.713	-0.006	2.727	0.083	2.750	0.121	2.764	0.102
0.573	0.050	0.587	-0.162	0.600	-0.230	0.610	-0.241	2.782	0.053	2.807	-0.007	2.818	-0.082	2.835	-0.205
0.624	-0.222	0.639	-0.155	0.652	-0.050	0.669	0.047	2.850	-0.246	2.864	-0.202	2.873	-0.138	2.883	-0.007
0.686	0.081	0.701	0.092	0.714	0.066	0.726	0.025	2.895	0.116	2.902	0.184	2.908	0.202	2.917	0.168
0.740	0.070	0.761	0.160	0.778	0.234	0.792	0.261	2.926	0.142	2.936	0.097	2.944	0.127	2.959	0.202
0.803	0.234	0.814	0.160	0.827	0.021	0.840	-0.110	2.973	0.228	2.982	0.202	2.995	0.104	3.003	0.015
0.858	-0.211	0.861	-0.245	0.866	-0.252	0.875	-0.129	3.015	-0.128	3.031	-0.262	3.043	-0.304	3.049	-0.322
0.883	-0.147	0.904	-0.039	0.917	0.055	0.931	0.230	3.059	-0.236	3.075	-0.233	3.083	-0.195	3.091	-0.218
0.948	0.241	0.959	0.346	0.969	0.387	0.980	0.350	3.105	-0.285	3.112	-0.304	3.124	-0.252	3.132	-0.143
0.989	0.268	0.999	0.129	1.008	0.002	1.018	-0.110	3.143	-0.001	3.152	0.107	3.160	0.137	3.166	0.156
1.035	-0.178	1.047	-0.152	1.056	-0.118	1.067	-0.092	3.173	0.133	3.189	0.058	3.202	0.021	3.218	0.043
1.127	-0.036	1.145	0.080	1.152	0.113	1.164	0.140	3.228	0.058	3.239	0.010	3.251	-0.058	3.264	-0.125
1.176	0.121	1.186	0.091	1.197	0.076	1.208	0.102	3.274	-0.148	3.288	-0.125	3.299	-0.039	3.311	0.084
1.222	-0.177	1.237	-0.199												



4.089	-0.402	4.100	-0.376	4.112	-0.294	4.125	-0.200	6.341	0.117	6.349	0.131	6.357	0.109	6.369	0.030
4.137	-0.140	4.153	-0.099	4.165	-0.040	4.177	-0.039	6.377	-0.090	6.390	-0.258	6.402	-0.471	6.412	-0.629
4.187	0.069	4.198	0.080	4.210	0.065	4.225	0.005	6.418	-0.677	6.424	-0.685	6.432	-0.651	6.439	-0.558
4.240	-0.059	4.258	-0.089	4.269	-0.063	4.283	0.001	6.451	-0.330	6.463	-0.053	6.478	0.179	6.497	0.410
4.299	0.083	4.309	0.150	4.324	0.180	4.339	0.154	6.509	0.541	6.518	0.653	6.530	0.717	6.539	0.694
4.352	0.068	4.365	-0.007	4.377	-0.045	4.389	-0.060	6.548	0.597	6.559	0.410	6.566	0.260	6.581	0.080
4.402	-0.127	4.415	-0.239	4.427	-0.355	4.440	-0.434	6.597	-0.051	6.613	-0.163	6.623	-0.268	6.635	-0.429
4.458	-0.494	4.474	-0.513	4.490	-0.490	4.504	-0.401	6.647	-0.601	6.664	-0.710	6.676	-0.676	6.673	-0.677
4.518	-0.262	4.531	-0.098	4.540	0.037	4.552	0.168	6.682	-0.568	6.694	-0.374	6.707	-0.157	6.719	0.045
4.565	0.272	4.575	0.347	4.586	0.377	4.595	0.366	6.727	0.183	6.733	0.232	6.742	0.258	6.748	0.235
4.606	0.268	4.617	0.122	4.626	-0.001	4.637	-0.072	6.760	0.179	6.775	0.409	6.785	0.022	6.801	-0.173
4.649	-0.102	4.664	-0.069	4.674	0.040	4.686	0.204	6.815	-0.330	6.825	-0.446	6.834	-0.446	6.848	-0.461
4.690	0.451	4.711	0.777	4.719	0.975	4.727	1.038	6.858	-0.435	6.875	-0.387	6.894	-0.275	6.906	-0.114
4.734	1.057	4.741	1.027	4.752	0.930	4.767	0.776	6.920	0.065	6.931	0.181	6.943	0.259	6.956	0.282
4.780	0.567	4.794	0.327	4.806	0.091	4.819	-0.152	6.971	0.330	6.984	0.431	6.996	0.525	7.006	0.566
4.827	-0.275	4.837	-0.305	4.846	-0.283	4.856	-0.219	7.015	0.536	7.033	0.464	7.045	0.430	7.056	0.483
4.868	-0.201	4.882	-0.216	4.897	-0.242	4.911	-0.197	7.067	0.554	7.073	0.598	7.082	0.610	7.089	0.595
4.924	-0.130	4.936	-0.033	4.946	0.091	4.955	0.188	7.096	0.505	7.109	0.213	7.122	-0.046	7.129	-0.169
4.964	0.211	4.973	0.184	4.983	0.042	4.992	-0.096	7.135	-0.218	7.144	-0.244	7.151	-0.210	7.163	-0.132
5.003	-0.340	5.007	-0.456	5.016	-0.560	5.022	-0.590	7.175	-0.087	7.184	-0.106	7.195	-0.110	7.204	-0.076
5.031	-0.557	5.039	-0.486	5.050	-0.343	5.063	-0.085	7.215	0.010	7.223	0.051	7.232	0.069	7.242	0.054
5.075	0.105	5.085	0.165	5.092	0.117	5.104	0.018	7.254	-0.006	7.264	-0.021	7.272	0.016	7.285	0.121
5.116	-0.138	5.125	-0.183	5.137	-0.127	5.151	0.015	7.298	0.371	7.314	0.644	7.326	0.783	7.331	0.854
5.161	0.176	5.174	0.502	5.187	0.831	5.195	1.014	7.341	0.891	7.347	0.854	7.357	0.734	7.364	0.588
5.205	1.074	5.212	1.033	5.222	-0.793	5.236	0.441	7.377	0.315	7.383	0.195	7.393	0.142	7.401	0.131
5.249	-0.176	5.261	-0.015	5.275	-0.105	5.290	-0.184	7.412	0.161	7.422	0.191	7.431	0.150	7.442	0.063
5.298	-0.236	5.306	-0.296	5.314	-0.311	5.322	-0.266	7.452	-0.023	7.459	-0.124	7.466	-0.150	7.473	-0.128
5.334	-0.094	5.344	0.153	5.354	0.362	5.361	0.445	7.485	-0.079	7.494	-0.117	7.504	-0.065	7.515	-0.180
5.369	0.475	5.375	0.445	5.382	0.344	5.391	0.198	7.527	-0.147	7.543	-0.079	7.561	0.025	7.576	0.171
5.397	0.108	5.408	0.048	5.417	0.086	5.427	0.243	7.591	0.283	7.602	0.329	7.612	0.309	7.624	0.234
5.435	0.325	5.441	0.392	5.447	0.418	5.454	0.377	7.641	0.174	7.654	-0.005	7.670	-0.208	7.683	-0.470
5.461	0.295	5.469	0.175	5.479	-0.090	5.488	-0.356	7.690	-0.537	7.696	-0.560	7.703	-0.530	7.711	-0.346
5.496	-0.517	5.503	-0.554	5.507	-0.566	5.513	-0.547	7.723	0.043	7.739	0.484	7.756	0.862	7.774	1.176
5.520	-0.468	5.529	-0.360	5.535	-0.263	5.542	-0.218	7.781	1.258	7.789	1.280	7.795	1.258	7.805	1.138
5.551	-0.270	5.559	-0.401	5.568	-0.566	5.575	-0.685	7.817	0.869	7.826	0.667	7.837	0.532	7.847	0.423
5.584	-0.727	5.590	-0.689	5.596	-0.547	5.605	-0.330	7.862	0.158	7.876	-0.164	7.889	-0.494	7.897	-0.658
5.617	0.115	5.623	0.242	5.628	0.377	5.635	0.470	7.909	-0.711	7.919	-0.666	7.928	-0.580	7.937	-0.543
5.639	0.048	5.648	0.444	5.654	0.347	5.659	0.231	7.945	-0.573	7.958	-0.670	7.964	-0.737	7.976	-0.767
5.667	0.982	5.678	-0.110	5.688	-0.188	5.694	-0.211	7.985	-0.738	7.997	-0.652	8.010	-0.558	8.020	-0.450
5.701	-0.169	5.709	-0.091	5.716	-0.027	5.723	-0.009	8.033	-0.367	8.046	-0.323	8.056	-0.338	8.067	-0.383
5.733	-0.046	5.741	-0.169	5.752	-0.353	5.761	-0.413	8.077	-0.450	8.088	-0.458	8.100	-0.428	8.113	-0.368
5.765	-0.431	5.773	-0.398	5.788	-0.166	5.798	0.081	8.122	-0.331	8.134	-0.357	8.145	-0.432	8.155	-0.533
5.807	0.231	5.815	0.320	5.822	0.343	5.830	0.302	8.167	-0.653	8.178	-0.746	8.187	-0.728	8.197	-0.728
5.839	0.189	5.849	0.044	5.856	-0.028	5.864	-0.058	8.206	-0.616	8.217	-0.481	8.227	-0.313	8.237	-0.152
5.875	-0.013	5.885	0.096	5.898	0.264	5.904	0.309	8.250	-0.036	8.259	0.024	8.265	0.042	8.275	0.027
5.909	0.324	5.917	0.298	5.927	0.212	5.936	0.088	8.285	0.012	8.293	0.132	8.300	-0.100	8.307	-0.141
5.943	0.032	5.952	0.002	5.960	0.028	5.973	0.084	8.316	-0.025	8.328	-0.011	8.336	-0.037	8.343	-0.130
5.985	0.122	5.993	0.095	6.005	-0.006	6.017	-0.185	8.365	-0.288	8.383	-0.464	8.399	-0.591	8.411	-0.703
6.025	-0.283	6.036	-0.350	6.042	-0.376	6.051	-0.339	8.420	-0.804	8.431	-0.846	8.435	-0.857	8.441	-0.834
6.063	-0.238	6.072	-0.013	6.085	0.237	6.097	0.447	8.449	-0.771	8.459	-0.629	8.471	-0.423	8.485	-0.139
6.103	0.499	6.109	0.525	6.117	0.503	6.124	0.375	8.496	0.104	8.505	0.332	8.511	0.430	8.517	0.482
6.135	0.158	6.147	-0.122	6.158	-0.306	6.167	-0.369	8.522	0.556	8.530	0.474	8.536	0.388	8.543	0.220
6.175	-0.395	6.181	-0.377	6.190	-0.276	6.203	-0.074	8.557	-0.009	8.571	-0.192	8.586	-0.342	8.605	-0.439
6.211	0.080	6.223	0.218	6.230	0.267	6.239	0.289	8.622	-0.459	8.643	-0.522	8.662	-0.544	8.676	-0.518
6.247	0.270	6.256	0.195	6.269	0.038	6.279	-0.067	8.689	-0.436	8.701	-0.290	8.713	-0.099	8.723	0.028
6.287	-0.089	6.297	-0.059	6.315	0.001	6.332	0.079	8.734	0.129	8.745	0.173	8.759	0.226	8.770	0.308

8.781	0.431	8.791	0.558	8.799	0.644	8.811	0.682	11.480	0.183	11.494	-0.087	11.505	-0.263	11.511	-0.353
8.823	0.655	8.833	0.607	8.842	0.528	8.850	0.479	11.518	-0.409	11.524	-0.446	11.530	-0.465	11.538	-0.435
8.860	0.464	8.872	0.502	8.883	0.543	8.899	0.651	11.551	-0.342	11.561	-0.192	11.570	-0.099	11.578	-0.066
8.914	0.752	8.920	0.789	8.932	0.819	8.942	0.796	11.584	-0.054	11.596	-0.103	11.611	-0.204	11.624	-0.298
8.959	0.759	8.966	0.665	8.977	0.538	8.992	0.474	11.630	-0.324	11.639	-0.347	11.645	-0.347	11.651	-0.306
9.001	0.376	9.015	0.245	9.027	0.099	9.042	-0.140	11.665	-0.202	11.678	-0.018	11.700	0.172	11.721	0.351
9.054	-0.279	9.064	-0.317	9.085	-0.321	9.100	-0.332	11.736	0.452	11.747	0.463	11.765	0.470	11.787	0.429
9.115	-0.441	9.130	-0.512	9.136	-0.534	9.143	-0.520	11.820	0.331	11.851	0.245	11.876	0.106	11.906	-0.052
9.152	-0.445	9.166	-0.266	9.176	-0.161	9.181	-0.109	11.923	-0.157	11.939	-0.258	11.954	-0.314	11.968	-0.352
9.191	-0.083	9.199	-0.116	9.211	-0.191	9.222	-0.304	11.987	-0.367	12.002	-0.397	12.014	-0.472	12.032	-0.637
9.234	-0.349	9.243	-0.304	9.252	-0.356	9.259	-0.297	12.047	-0.735	12.059	-0.795	12.076	-0.791	12.093	-0.788
9.274	-0.054	9.289	0.215	9.304	0.466	9.322	0.690	12.103	-0.825	12.111	-0.863	12.123	-0.893	12.136	-0.856
9.332	0.791	9.344	0.892	9.353	0.862	9.363	0.925	12.149	-0.740	12.166	-0.490	12.183	-0.262	12.196	-0.172
9.378	0.951	9.386	0.902	9.398	0.838	9.413	0.760	12.203	-0.131	12.212	-0.120	12.226	-0.173	12.244	-0.240
9.437	0.729	9.449	0.538	9.473	0.429	9.488	0.324	12.249	-0.274	12.255	-0.281	12.266	-0.211	12.293	-0.028
9.503	0.121	9.518	0.005	9.527	-0.032	9.539	0.023	12.308	0.062	12.329	0.140	12.344	0.181	12.357	0.198
9.554	0.128	9.572	0.206	9.584	0.251	9.594	0.202	12.369	0.151	12.389	0.005	12.408	-0.220	12.434	-0.430
9.608	0.104	9.629	0.044	9.642	-0.042	9.651	-0.189	12.437	-0.579	12.473	-0.653	12.485	-0.703	12.493	-0.711
9.663	-0.473	9.678	-0.833	9.689	-1.069	9.698	-1.207	12.508	-0.662	12.529	-0.576	12.545	-0.490	12.559	-0.386
9.702	-1.241	9.710	-1.219	9.718	-1.058	9.730	-0.744	12.570	-0.262	12.583	-0.177	12.593	-0.136	12.613	-0.128
9.743	-0.396	9.753	-0.097	9.759	-0.023	9.768	0.003	12.629	-0.128	12.638	-0.076	12.647	-0.035	12.662	-0.031
9.780	-0.027	9.792	-0.124	9.800	-0.203	9.813	-0.226	12.676	-0.069	12.692	-0.189	12.713	-0.320	12.726	-0.402
9.825	-0.185	9.841	-0.081	9.855	-0.025	9.863	-0.062	12.733	-0.425	12.744	-0.432	12.750	-0.406	12.772	-0.309
9.876	-0.126	9.888	-0.153	9.900	-0.116	9.911	-0.079	12.805	-0.175	12.831	-0.093	12.854	-0.056	12.886	-0.034
9.920	-0.053	9.930	-0.087	9.952	-0.199	9.967	-0.304	12.926	0.004	12.949	0.059	12.965	0.145	12.980	0.205
9.979	-0.380	9.998	-0.380	10.007	-0.328	10.024	-0.175	12.997	0.220	13.008	0.152	13.028	0.115	13.040	0.085
10.037	-0.007	10.051	0.311	10.067	0.509	10.075	0.703	13.051	0.077	13.072	0.118	13.090	0.133	13.111	0.103
10.084	0.793	10.094	0.849	10.106	0.878	10.114	0.841	13.124	0.088	13.146	0.106	13.163	0.129	13.182	0.106
10.126	0.679	10.142	0.582	10.152	0.379	10.166	0.229	13.194	0.031	13.214	-0.100	13.227	-0.145	13.236	-0.164
10.174	0.027	10.185	0.027	10.195	-0.093	10.204	-0.190	13.247	-0.138	13.256	-0.093	13.275	0.030	13.284	0.060
10.225	-0.202	10.231	-0.172	10.240	-0.016	10.246	-0.011	13.290	0.064	13.303	0.049	13.315	0.011	13.340	-0.105
10.257	-0.042	10.270	-0.173	10.281	-0.364	10.290	-0.435	13.351	-0.139	13.358	-0.154	13.371	-0.117	13.380	-0.072
10.304	-0.447	10.314	-0.399	10.325	-0.287	10.337	-0.254	13.406	0.089	13.419	0.141	13.430	0.163	13.443	0.137
10.356	-0.160	10.365	-0.134	10.378	-0.165	10.395	-0.206	13.466	0.058	13.491	-0.047	13.506	-0.152	13.513	-0.197
10.412	-0.289	10.431	-0.409	10.451	-0.540	10.469	-0.645	13.530	-0.313	13.551	-0.602	13.559	-0.654	13.571	-0.677
10.481	-0.698	10.495	-0.709	10.505	-0.690	10.519	-0.616	13.580	-0.621	13.589	-0.542	13.614	-0.281	13.629	-0.206
10.532	-0.422	10.548	-0.160	10.574	0.229	10.597	0.535	13.646	-0.135	13.668	-0.038	13.683	0.025	13.696	0.055
10.610	0.733	10.628	0.935	10.637	1.013	10.645	1.039	13.718	0.047	13.739	0.051	13.750	0.107	13.768	0.211
10.655	1.006	10.664	0.931	10.674	0.833	10.684	0.657	13.782	0.338	13.790	0.383	13.802	0.420	13.815	0.401
10.698	0.459	10.706	0.387	10.719	0.339	10.741	0.316	13.833	0.326	13.852	0.195	13.870	0.154	13.886	0.165
10.753	0.297	10.769	0.229	10.785	0.199	10.798	0.210	13.893	0.187	13.905	0.183	13.920	0.119	13.938	0.033
10.813	0.225	10.824	0.239	10.834	0.239	10.848	0.183	13.962	-0.136	13.987	-0.292	14.014	-0.398	14.040	-0.496
10.857	0.089	10.866	-0.008	10.876	-0.128	10.880	-0.225	14.055	-0.545	14.067	-0.545	14.080	-0.496	14.098	-0.339
10.888	-0.330	10.893	-0.368	10.902	-0.409	10.911	-0.371	14.119	-0.145	14.131	-0.033	14.143	0.027	14.157	0.034
10.918	-0.315	10.930	-0.218	10.934	-0.147	10.943	-0.050	14.183	0.015	14.209	0.011	14.237	0.070	14.274	0.175
10.950	0.013	10.957	0.043	10.969	0.054	10.985	0.032	14.294	0.242	14.311	0.264	14.337	0.256	14.356	0.237
10.995	-0.028	11.007	-0.114	11.022	-0.223	11.028	-0.242	14.371	0.233	14.394	0.334	14.422	0.465	14.453	0.535
11.034	-0.257	11.047	-0.227	11.062	-0.149	11.074	-0.063	14.476	0.584	14.496	0.621	14.513	0.685	14.536	0.797
11.088	0.083	11.105	0.318	11.120	0.595	11.128	0.778	14.563	0.912	14.588	0.942	14.612	0.942	14.635	0.927
11.136	0.894	11.151	1.055	11.158	1.122	11.166	1.152	14.655	0.792	14.678	0.585	14.695	0.324	14.709	0.133
11.176	1.100	11.187	1.002	11.203	0.721	11.222	0.444	14.715	0.073	14.727	0.050	14.739	0.110	14.770	0.226
11.231	0.369	11.251	0.328	11.260	0.309	11.279	0.260	14.790	0.312	14.804	0.345	14.822	0.289	14.853	0.176
11.291	0.215	11.306	0.182	11.323	0.185	11.345	0.218	14.867	0.109	14.880	0.075	14.890	0.071	14.899	0.098
11.358	0.286	11.377	0.300	11.390	0.293	11.402	0.285	14.914	0.194	14.929	0.374	14.947	0.516	14.970	0.666
11.408	0.341	11.423	0.464	11.433	0.509	11.437	0.516	14.985	0.733	14.995	0.767	15.010	0.834	15.020	0.853
11.445	0.524	11.455	0.497	11.465	0.434	11.473	0.340	15.035	0.819	15.053	0.714	15.067	0.695	15.102	0.560

15.137	0.422	15.178	0.219	15.220	0.002	15.236	-0.039	21.749	0.515	21.764	0.582	21.783	0.616	21.797	0.571
15.266	-0.024	15.282	0.006	15.297	0.032	15.313	-0.017	21.814	0.522	21.830	0.474	21.849	0.448	21.867	0.436
15.352	-0.201	15.369	-0.264	15.387	-0.291	15.396	-0.257	21.883	0.403	21.899	0.350	21.911	0.317	21.926	0.275
15.412	-0.164	15.441	-0.040	15.453	-0.007	15.477	-0.071	21.941	0.246	21.957	0.246	21.979	0.246	22.004	0.264
15.490	-0.142	15.520	-0.333	15.539	-0.464	15.563	-0.565	22.033	0.283	22.054	0.324	22.072	0.377	22.088	0.429
15.591	-0.606	15.628	-0.584	15.657	-0.551	15.675	-0.506	22.105	0.478	22.121	0.500	22.140	0.526	22.156	0.519
15.691	-0.607	15.715	-0.566	15.730	-0.581	15.742	-0.536	22.173	0.478	22.193	0.425	22.212	0.388	22.229	0.377
15.760	-0.567	15.778	-0.507	15.795	-0.593	15.835	-0.604	22.247	0.369	22.265	0.324	22.283	0.275	22.301	0.227
15.854	-0.612	15.869	-0.683	15.891	-0.643	15.942	-0.647	22.326	0.189	22.341	0.167	22.357	0.115	22.372	0.095
15.974	-0.722	16.002	-0.824	16.023	-0.959	16.064	-1.008	22.412	0.014	22.436	-0.009	22.452	-0.020	22.452	-0.076
16.084	-1.072	16.102	-0.993	16.125	-0.818	16.152	-0.691	22.470	0.132	22.488	-0.173	22.512	-0.207	22.532	-0.271
16.182	-0.620	16.221	-0.617	16.258	-0.617	16.279	-0.588	22.545	-0.327	22.565	-0.402	22.597	-0.447	22.611	-0.424
16.305	-0.480	16.328	-0.368	16.357	-0.286	16.392	-0.275	22.635	-0.428	22.657	-0.409	22.680	-0.424	22.707	-0.435
16.436	-0.152	16.516	-0.101	16.574	0.018	16.634	0.212	22.741	-0.469	22.767	-0.491	22.798	-0.521	22.826	-0.592
16.674	0.327	16.699	0.331	16.726	0.443	16.811	0.501	22.849	-0.679	22.868	-0.652	22.880	-0.589	22.896	-0.514
16.861	0.523	16.951	0.526	17.027	0.551	17.107	0.658	22.911	-0.443	22.930	-0.346	22.951	-0.368	22.977	-0.346
17.146	0.744	17.172	0.833	17.243	0.862	17.276	0.840	23.001	-0.337	23.027	-0.346	23.047	-0.398	23.069	-0.436
17.297	0.703	17.355	0.737	17.373	0.662	17.400	0.662	23.103	-0.440	23.131	-0.466	23.158	-0.511	23.184	-0.485
17.431	0.587	17.459	0.463	17.479	0.299	17.503	0.179	23.200	-0.485	23.221	-0.526	23.241	-0.556	23.258	-0.571
17.526	0.100	17.543	0.092	17.568	0.148	17.586	0.193	23.289	-0.533	23.315	-0.466	23.338	-0.388	23.360	-0.398
17.614	0.219	17.637	0.185	17.658	0.121	17.679	0.061	23.379	-0.268	23.393	-0.182	23.409	-0.115	23.445	-0.055
17.700	0.050	17.733	0.053	17.755	-0.026	17.776	-0.116	23.466	-0.066	23.493	-0.066	23.524	0.031	23.556	0.135
17.802	-0.213	17.825	-0.251	17.841	-0.225	17.865	-0.158	23.580	0.195	23.609	0.255	23.636	0.303	23.661	0.251
17.885	-0.049	17.899	0.007	17.912	0.022	17.939	-0.042	23.676	0.202	23.699	0.172	23.721	0.172	23.746	0.176
17.968	0.199	18.001	-0.349	18.038	-0.480	18.075	-0.570	23.778	0.176	23.796	0.224	23.818	0.325	23.832	0.419
18.134	-0.585	18.174	-0.671	18.183	-0.686	18.221	-0.724	23.853	0.501	23.876	0.531	23.894	0.546	23.915	0.530
18.253	-0.814	18.267	-0.859	18.276	-0.862	18.290	-0.806	23.933	0.489	23.968	0.399	23.994	0.324	24.021	0.250
18.309	-0.687	18.332	-0.608	18.366	-0.552	18.412	-0.556	24.044	0.272	24.076	0.339	24.096	0.399	24.127	0.447
18.451	-0.538	18.508	-0.534	18.556	-0.523	18.622	-0.490	24.153	0.447	24.190	0.447	24.233	0.446	24.280	0.457
18.647	-0.400	18.660	-0.393	18.683	-0.460	18.709	-0.535	24.316	0.453	24.335	0.438	24.367	0.464	24.388	0.464
18.730	-0.453	18.764	-0.284	18.792	-0.184	18.813	-0.116	24.403	0.427	24.417	0.371	24.431	0.300	24.452	0.202
18.844	-0.143	18.865	-0.150	18.874	-0.098	18.901	0.026	24.468	0.187	24.504	0.194	24.526	0.101	24.549	0.033
18.924	0.104	18.941	0.111	18.986	0.104	19.016	0.208	24.582	-0.038	24.615	-0.124	24.630	-0.176	24.655	-0.210
19.043	0.235	19.062	0.246	19.094	0.343	19.127	0.477	24.685	-0.173	24.717	-0.143	24.765	-0.102	24.791	-0.095
19.148	0.530	19.171	0.548	19.196	0.477	19.224	0.354	24.814	-0.095	24.842	-0.140	24.870	-0.181	24.893	-0.222
19.248	0.301	19.272	0.391	19.291	0.454	19.312	0.518	24.921	-0.286	24.956	-0.350	25.004	-0.365	25.035	-0.365
19.332	0.544	19.363	0.506	19.402	0.465	19.410	0.484	25.073	-0.343	25.100	-0.332	25.127	-0.377	25.154	-0.436
19.445	0.528	19.480	0.535	19.514	0.561	19.544	0.524	25.192	-0.455	25.221	-0.459	25.241	-0.459	25.272	-0.436
19.591	0.550	19.640	0.575	19.699	0.597	19.726	0.593	25.298	-0.407	25.319	-0.415	25.330	-0.418	25.337	-0.418
19.751	0.571	19.773	0.597	19.802	0.608	19.825	0.544	25.346	-0.426	25.354	-0.426	25.358	-0.426	25.364	-0.426
19.844	0.450	19.859	0.409	19.880	0.375	19.925	0.360								
19.958	0.315	19.990	0.217	19.999	0.206	20.030	0.179								
20.056	0.101	20.086	-0.027	20.116	-0.151	20.138	-0.237								
20.164	-0.275	20.182	-0.215	20.209	-0.125	20.221	-0.092								
20.243	-0.073	20.259	-0.130	20.288	-0.242	20.327	-0.362								
20.360	-0.370	20.393	-0.396	20.436	-0.438	20.465	-0.520								
20.484	-0.531	20.506	-0.483	20.543	-0.472	20.511	-0.528								
20.614	-0.580	20.658	-0.689	20.675	-0.715	20.699	-0.667								
20.738	-0.641	20.777	-0.686	20.827	-0.604	20.873	-0.533								
20.915	-0.529	20.966	-0.607	20.974	-0.607	21.013	-0.443								
21.058	-0.286	21.103	-0.211	21.151	-0.177	21.211	-0.207								
21.244	-0.185	21.284	-0.095	21.323	0.014	21.361	0.051								
21.389	0.081	21.409	0.137	21.433	0.118	21.463	0.118								
21.484	0.182	21.518	0.317	21.559	0.436	21.581	0.545								
21.597	0.579	21.615	0.575	21.637	0.567	21.666	0.564								
21.685	0.560	21.700	0.541	21.716	0.519	21.733	0.489								

71-130 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. 8TH FLCCR N61W

1220 POINTS 25.353 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.3420 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.064	0.024	0.056	0.046	0.060	0.065	0.084	3.113	-0.027	3.132	-0.082	3.151	-0.015	3.169	0.045	3.187	0.013	3.205	0.083
0.081	0.120	0.109	0.140	0.127	0.124	0.139	0.112	3.196	0.013	3.219	0.108	3.243	0.211	3.265	0.163	3.283	0.108	3.301	0.083
0.164	0.128	0.176	0.072	0.188	0.028	0.052	0.052	3.279	0.139	3.308	0.211	3.329	0.187	3.357	0.083	3.375	0.108	3.393	0.083
0.224	0.056	0.240	0.024	0.257	-0.015	0.279	0.024	3.389	0.051	3.411	0.107	3.435	0.198	3.457	0.266	3.475	0.107	3.493	0.266
0.294	0.100	0.308	0.160	0.329	0.188	0.351	0.196	3.468	0.282	3.489	0.198	3.508	0.091	3.525	0.003	3.543	0.107	3.561	0.003
0.366	0.184	0.378	0.128	0.387	0.060	0.403	0.001	3.544	-0.041	3.579	0.074	3.601	0.082	3.613	0.082	3.631	0.074	3.643	0.082
0.427	0.096	0.445	0.100	0.468	0.092	0.483	0.088	3.637	0.007	3.681	0.098	3.698	0.090	3.723	0.010	3.741	0.098	3.759	0.010
0.501	0.088	0.515	0.088	0.531	0.148	0.545	0.176	3.741	0.038	3.767	0.034	3.791	0.089	3.804	0.125	3.822	0.089	3.839	0.125
0.556	0.172	0.571	0.156	0.585	0.096	0.606	-0.003	3.828	0.145	3.847	0.117	3.867	0.185	3.889	0.200	3.908	0.185	3.927	0.200
0.625	-0.023	0.643	-0.019	0.657	0.056	0.676	0.108	3.913	0.196	3.934	0.125	3.947	0.077	3.968	0.049	3.987	0.077	4.006	0.049
0.695	0.108	0.707	0.100	0.716	0.048	0.735	0.017	3.986	0.009	4.004	-0.067	4.023	-0.146	4.049	-0.023	4.068	-0.146	4.087	-0.023
0.752	0.072	0.776	0.148	0.790	0.152	0.809	0.140	4.071	0.092	4.088	0.124	4.119	0.040	4.133	-0.004	4.152	0.040	4.166	-0.004
0.822	0.120	0.833	0.080	0.848	0.040	0.860	0.032	4.152	-0.237	4.167	-0.247	4.185	-0.191	4.210	-0.004	4.229	-0.191	4.243	-0.004
0.880	0.072	0.896	0.152	0.917	0.207	0.934	0.195	4.229	0.079	4.246	0.099	4.265	0.202	4.288	0.313	4.307	0.202	4.321	0.313
0.950	0.124	0.972	0.068	0.987	0.068	1.008	0.052	4.302	0.331	4.320	0.433	4.342	0.504	4.361	0.416	4.380	0.504	4.399	0.416
1.024	0.052	1.050	0.056	1.066	0.056	1.087	0.055	4.379	0.237	4.404	0.345	4.428	0.404	4.449	0.440	4.470	0.404	4.491	0.440
1.101	0.055	1.117	0.055	1.136	0.067	1.158	0.075	4.465	0.416	4.483	0.257	4.506	0.105	4.528	0.189	4.549	0.105	4.570	0.189
1.183	0.071	1.207	0.039	1.222	0.003	1.242	0.055	4.541	0.230	4.558	0.141	4.583	-0.082	4.605	-0.221	4.626	-0.082	4.647	-0.221
1.256	0.142	1.272	0.138	1.292	0.138	1.314	0.134	4.615	-0.335	4.633	0.385	4.663	-0.238	4.686	-0.119	4.707	-0.238	4.728	-0.119
1.330	0.059	1.350	-0.025	1.373	0.007	1.394	0.												

5.870	0.176	5.891	0.331	5.905	0.466	5.914	0.625	10.429	0.670	10.448	0.499	10.475	0.450	10.496	0.554
5.930	0.704	5.945	0.561	5.960	0.326	5.971	0.088	10.512	0.653	10.542	0.577	10.562	0.357	10.583	-0.061
5.986	-0.175	5.996	-0.433	6.009	-0.509	6.030	-0.235	10.606	-0.316	10.623	-0.531	10.646	-0.559	10.658	-0.503
6.042	0.024	6.059	0.203	6.073	0.199	6.088	0.326	10.669	-0.424	10.678	-0.349	10.688	-0.289	10.700	-0.242
6.102	0.541	6.117	0.664	6.135	0.501	6.149	0.234	10.715	-0.210	10.738	-0.159	10.747	0.095	10.759	0.028
6.161	-0.100	6.167	-0.343	6.181	-0.617	6.197	0.760	10.768	0.151	10.779	0.290	10.785	0.373	10.796	0.425
6.218	-0.498	6.232	-0.319	6.246	-0.224	6.273	-0.367	10.807	0.393	10.820	0.341	10.836	0.392	10.847	0.440
6.291	-0.299	6.314	-0.148	6.337	-0.276	6.354	-0.435	10.859	0.456	10.873	0.347	10.891	0.336	10.911	0.391
6.366	-0.494	6.383	-0.335	6.395	-0.208	6.405	-0.145	10.930	0.455	10.945	0.347	10.961	0.212	10.977	0.088
6.430	-0.264	6.441	-0.344	6.457	-0.265	6.472	0.021	10.991	0.032	11.008	-0.079	11.023	-0.195	11.047	-0.315
6.484	0.276	6.504	0.467	6.527	0.383	6.552	0.291	11.065	-0.414	11.080	-0.534	11.095	-0.669	11.108	-0.816
6.566	0.386	6.584	0.621	6.597	0.792	6.611	0.903	11.122	-0.988	11.132	-1.043	11.149	-1.075	11.169	-0.917
6.631	0.736	6.650	0.457	6.675	0.297	6.700	0.130	11.183	-0.754	11.192	-0.595	11.211	-0.404	11.233	-0.233
6.725	0.345	6.746	0.499	6.781	0.400	6.800	0.555	11.249	-0.078	11.264	0.065	11.289	0.239	11.319	0.382
6.816	0.340	6.835	0.152	6.860	-0.150	6.882	-0.011	11.339	0.362	11.356	0.350	11.374	0.266	11.391	0.190
6.894	0.164	6.911	0.307	6.925	0.310	6.943	0.473	11.413	0.134	11.432	0.178	11.454	0.309	11.470	0.400
6.977	0.552	7.001	0.739	7.020	0.771	7.035	0.639	11.488	0.467	11.500	0.455	11.515	0.367	11.529	0.288
7.047	0.404	7.067	0.229	7.084	0.062	7.108	0.225	11.545	0.216	11.563	0.204	11.585	0.183	11.597	0.159
7.124	0.459	7.135	0.531	7.150	0.435	7.169	0.152	11.616	0.048	11.639	-0.060	11.656	-0.088	11.675	-0.041
7.186	-0.146	7.202	-0.270	7.224	-0.338	7.241	-0.354	11.691	-0.001	11.714	-0.002	11.750	0.077	11.766	-0.002
7.264	-0.354	7.284	-0.259	7.308	-0.156	7.334	-0.275	11.782	-0.150	11.795	-0.281	11.809	-0.365	11.824	-0.417
7.342	-0.319	7.361	-0.327	7.371	-0.431	7.386	-0.328	11.848	-0.354	11.865	-0.239	11.881	-0.124	11.901	-0.040
7.404	-0.375	7.422	-0.228	7.436	-0.451	7.458	-0.539	11.927	0.039	11.944	0.206	11.960	0.352	11.973	0.559
7.480	-0.408	7.494	-0.102	7.503	-0.069	7.513	-0.006	11.988	0.750	12.003	0.865	12.021	0.924	12.042	0.868
7.528	0.057	7.543	-0.146	7.563	-0.285	7.584	-0.182	12.063	0.753	12.079	0.593	12.098	0.422	12.114	0.286
7.594	-0.202	7.614	-0.134	7.640	-0.135	7.663	-0.004	12.131	0.207	12.155	0.286	12.173	0.289	12.196	0.209
7.677	-0.004	7.690	0.044	7.708	0.032	7.728	-0.139	12.215	0.122	12.230	-0.018	12.243	-0.117	12.266	-0.173
7.744	-0.291	7.756	-0.438	7.789	-0.514	7.813	-0.852	12.299	-0.202	12.317	-0.290	12.336	-0.365	12.358	-0.418
7.826	-1.019	7.840	-1.071	7.863	-0.856	7.891	-0.435	12.382	-0.394	12.397	-0.366	12.414	-0.219	12.430	-0.005
7.915	-0.014	7.940	0.265	7.961	0.046	7.978	-0.285	12.451	0.170	12.461	0.257	12.489	0.305	12.527	0.360
7.990	-0.396	8.019	-0.126	8.037	0.073	8.061	-0.050	12.552	0.396	12.572	0.388	12.599	0.272	12.621	0.180
8.079	-0.130	8.099	0.013	8.124	0.379	8.146	0.911	12.649	0.136	12.681	0.164	12.712	0.187	12.742	0.211
8.164	1.321	8.175	1.448	8.199	1.122	8.226	0.573	12.762	0.111	12.781	-0.056	12.796	-0.207	12.814	-0.311
8.248	-0.004	8.262	-0.362	8.276	-0.518	8.304	-0.180	12.832	-0.335	12.857	-0.375	12.871	-0.439	12.882	-0.506
8.328	0.238	8.356	0.253	8.365	0.122	8.381	0.321	12.903	-0.558	12.941	-0.463	12.965	-0.479	12.983	-0.523
8.393	0.321	8.410	0.543	8.428	0.543	8.438	0.444	13.004	-0.520	13.030	-0.444	13.055	-0.329	13.079	-0.194
8.460	0.412	8.483	0.419	8.506	0.566	8.529	0.709	13.095	-0.075	13.114	0.080	13.133	0.171	13.143	0.191
8.553	0.689	8.577	0.856	8.597	1.079	8.649	0.442	13.160	0.171	13.182	0.163	13.206	0.222	13.241	0.242
8.682	0.183	8.699	0.211	8.724	0.481	8.749	0.628	13.257	0.218	13.276	0.066	13.297	-0.073	13.315	-0.141
8.793	0.389	8.806	0.162	8.827	-0.144	8.854	-0.379	13.331	-0.244	13.349	-0.356	13.366	-0.448	13.381	-0.547
8.881	-0.158	8.910	0.026	8.936	-0.014	8.963	-0.010	13.404	-0.627	13.424	-0.572	13.444	-0.512	13.468	-0.540
8.990	-0.269	9.008	-0.532	9.033	-0.307	9.061	-0.923	13.491	-0.541	13.514	-0.485	13.535	-0.430	13.550	-0.375
9.083	-0.752	9.127	-0.343	9.149	-0.311	9.173	-0.089	13.572	-0.168	13.587	-0.025	13.602	0.130	13.615	0.253
9.190	0.066	9.206	0.082	9.231	-0.149	9.255	-0.424	13.626	0.332	13.646	0.396	13.669	0.376	13.688	0.324
9.304	-0.731	9.315	-0.616	9.329	-0.668	9.338	-0.572	13.714	0.379	13.737	0.426	13.755	0.402	13.777	0.362
9.347	-0.604	9.359	-0.382	9.381	-0.601	9.407	-0.788	13.801	0.322	13.826	0.310	13.850	0.377	13.868	0.452
9.426	-1.091	9.444	-1.243	9.467	-1.375	9.498	-1.375	13.893	0.428	13.914	0.316	13.929	0.205	13.940	0.121
9.519	-1.483	9.542	-1.523	9.578	-0.900	9.597	-0.586	13.957	0.053	13.978	0.049	13.998	0.053	14.018	0.052
9.630	-0.412	9.670	-0.099	9.712	0.227	9.733	0.457	14.047	0.064	14.065	0.056	14.095	0.047	14.116	0.127
9.747	0.735	9.766	0.997	9.789	1.120	9.812	0.932	14.136	0.174	14.144	0.182	14.183	0.173	14.206	0.145
9.846	0.406	9.888	0.035	9.912	0.019	9.933	-0.093	14.234	0.117	14.261	0.117	14.282	0.104	14.309	0.160
9.956	-0.165	9.977	-0.070	9.986	0.065	10.011	0.159	14.329	0.207	14.345	0.235	14.367	0.215	14.379	0.179
10.036	0.207	10.056	0.222	10.085	0.221	10.118	-0.070	14.395	0.135	14.421	0.123	14.445	0.098	14.462	0.051
10.138	-0.190	10.156	-0.322	10.168	-0.051	10.179	-0.119	14.475	-0.063	14.488	-0.105	14.505	-0.181	14.531	-0.229
10.195	0.175	10.216	0.421	10.230	0.631	10.266	0.749	14.561	-0.261	14.580	-0.364	14.603	-0.432	14.631	-0.466
10.297	0.828	10.329	0.827	10.365	0.819	10.398	0.814	14.660	-0.532	14.678	-0.596	14.704	-0.600	14.733	-0.596

14.759	-0.597	14.778	-0.569	14.792	-0.494	14.807	-0.466	19.842	0.131	19.864	0.167	19.894	0.242	19.905	0.286
14.832	-0.458	14.854	-0.506	14.873	-0.490	14.893	-0.463	19.932	0.389	19.958	0.421	19.984	0.384	20.010	0.325
14.914	-0.415	14.935	-0.415	14.954	-0.427	14.973	-0.495	20.042	0.229	20.067	0.185	20.087	0.185	20.115	0.188
14.995	-0.527	15.011	-0.491	15.019	-0.420	15.032	-0.368	20.144	0.208	20.169	0.279	20.197	0.303	20.220	0.203
15.052	-0.364	15.082	-0.376	15.110	-0.377	15.140	-0.373	20.248	0.119	20.269	0.067	20.293	0.027	20.330	-0.017
15.161	-0.357	15.182	-0.345	15.201	-0.385	15.216	-0.433	20.363	-0.037	20.398	-0.065	20.424	-0.105	20.455	-0.145
15.239	-0.437	15.265	-0.346	15.285	-0.262	15.303	-0.183	20.479	-0.145	20.509	-0.153	20.529	-0.225	20.554	-0.288
15.322	-0.123	15.343	-0.072	15.367	-0.000	15.390	0.087	20.585	-0.308	20.612	-0.316	20.650	-0.329	20.683	-0.309
15.409	-0.111	15.436	0.123	15.451	0.083	15.476	0.003	20.721	-0.261	20.755	-0.245	20.782	-0.246	20.813	-0.254
15.495	-0.013	15.520	0.054	15.536	0.134	15.551	0.237	20.852	-0.282	20.895	-0.262	20.928	-0.250	20.957	-0.234
15.561	0.364	15.570	0.491	15.583	0.611	15.596	0.706	20.988	-0.234	21.029	-0.258	21.062	-0.250	21.092	-0.250
15.615	0.781	15.638	0.749	15.661	0.618	15.678	0.574	21.135	-0.270	21.170	-0.286	21.197	-0.298	21.225	-0.270
15.700	0.554	15.714	0.474	15.728	0.474	15.748	0.391	21.253	-0.222	21.270	-0.190	21.295	-0.194	21.318	-0.131
15.763	0.343	15.779	0.303	15.791	0.207	15.813	0.112	21.343	-0.067	21.363	-0.023	21.396	-0.007	21.421	-0.059
15.831	0.088	15.846	0.155	15.866	0.143	15.878	0.218	21.449	-0.075	21.479	-0.051	21.500	-0.031	21.527	-0.028
15.899	0.218	15.921	0.222	15.942	0.194	15.958	0.126	21.554	-0.096	21.567	-0.120	21.579	-0.120	21.591	0.120
15.990	0.374	16.020	0.105	16.051	0.160	16.068	0.244	21.606	0.108	21.620	0.108	21.636	0.100	21.658	0.092
16.089	0.331	16.102	0.462	16.119	0.569	16.137	0.648	21.673	0.084	21.695	0.040	21.700	0.013	21.715	-0.027
16.151	0.896	16.171	0.688	16.183	0.672	16.208	0.600	21.729	-0.039	21.750	-0.019	21.780	-0.007	21.804	-0.023
16.223	0.504	16.236	0.389	16.250	0.325	16.265	0.193	21.834	-0.031	21.850	-0.031	21.880	-0.051	21.910	-0.051
16.283	0.030	16.298	-0.090	16.320	-0.142	16.341	-0.082	21.925	-0.051	21.952	-0.051	21.988	-0.035	22.012	-0.028
16.353	-0.047	16.359	-0.019	16.382	-0.007	16.406	-0.059	22.043	0.044	22.073	0.056	22.096	0.060	22.124	0.048
16.432	-0.163	16.458	-0.247	16.478	-0.311	16.509	-0.359	22.144	0.036	22.172	-0.019	22.184	-0.059	22.211	-0.111
16.539	-0.363	16.568	-0.352	16.604	-0.333	16.637	-0.317	22.233	-0.131	22.263	-0.170	22.283	-0.214	22.305	-0.242
16.659	-0.341	16.684	-0.354	16.706	-0.382	16.736	-0.358	22.327	-0.258	22.346	-0.306	22.362	-0.345	22.382	-0.361
16.766	-0.279	16.798	-0.236	16.824	-0.260	16.847	-0.272	22.407	-0.393	22.432	-0.250	22.456	-0.242	22.471	-0.206
16.879	-0.185	16.916	-0.055	16.946	0.013	16.968	-0.007	22.486	-0.151	22.513	-0.127	22.535	-0.135	22.552	-0.147
16.988	-0.123	17.016	-0.211	17.039	-0.231	17.055	-0.239	22.574	-0.143	22.596	-0.135	22.613	-0.143	22.641	-0.155
17.067	-0.311	17.088	-0.311	17.118	-0.304	17.131	-0.225	22.659	-0.155	22.683	-0.158	22.701	-0.162	22.722	-0.162
17.154	-0.181	17.167	-0.066	17.193	-0.011	17.220	-0.003	22.740	-0.162	22.766	-0.162	22.786	-0.162	22.805	-0.162
17.258	-0.023	17.280	-0.040	17.307	-0.012	17.329	0.039	22.822	-0.162	22.837	-0.214	22.853	-0.282	22.869	-0.337
17.352	0.154	17.371	0.237	17.393	0.321	17.416	0.364	22.891	-0.341	22.914	-0.314	22.938	-0.258	22.963	-0.210
17.440	0.372	17.474	0.352	17.494	0.344	17.526	0.375	22.984	-0.139	23.003	-0.099	23.038	-0.071	23.057	-0.099
17.553	0.299	17.587	0.247	17.619	0.334	17.647	0.390	23.087	-0.159	23.107	-0.159	23.126	-0.159	23.152	-0.123
17.677	0.401	17.699	0.409	17.722	0.421	17.749	0.341	23.175	-0.072	23.205	0.056	23.229	0.139	23.255	0.183
17.773	0.309	17.797	0.360	17.809	0.404	17.837	0.475	23.277	0.143	23.302	0.087	23.329	0.059	23.353	0.055
17.851	0.428	17.879	0.300	17.905	0.200	17.925	0.240	23.383	0.043	23.405	0.027	23.432	0.051	23.461	0.091
17.958	0.268	17.989	0.236	18.014	0.188	18.044	0.124	23.477	0.099	23.501	0.087	23.523	0.079	23.546	0.083
18.060	0.124	18.089	0.045	18.120	-0.019	18.146	0.013	23.568	0.086	23.595	0.066	23.611	0.058	23.636	0.050
18.172	0.016	18.219	0.032	18.249	0.020	18.274	-0.012	23.650	0.054	23.683	0.070	23.714	0.078	23.734	0.078
18.298	-0.048	18.325	-0.100	18.348	-0.139	18.370	-0.191	23.776	0.078	23.776	0.066	23.809	0.058	23.827	0.054
18.400	-0.259	18.425	-0.311	18.453	-0.355	18.478	-0.387	23.846	0.053	23.866	0.053	23.889	0.037	23.910	0.025
18.505	-0.415	18.529	-0.482	18.553	-0.594	18.578	-0.689	23.951	0.017	23.976	-0.001	24.001	-0.007	24.020	-0.015
18.605	-0.753	18.630	-0.705	18.653	-0.602	18.686	-0.519	24.046	-0.031	24.075	-0.039	24.107	-0.051	24.131	-0.052
18.709	-0.467	18.737	-0.447	18.770	-0.487	18.793	-0.523	24.151	-0.056	24.180	-0.080	24.202	-0.084	24.224	-0.092
18.815	-0.531	18.839	-0.527	18.862	-0.527	18.896	-0.504	24.248	-0.112	24.270	-0.156	24.289	-0.180	24.309	-0.196
18.927	-0.464	18.961	-0.436	18.991	-0.397	19.020	-0.389	24.328	-0.224	24.349	-0.240	24.363	-0.248	24.400	-0.228
19.047	-0.421	19.069	-0.445	19.095	-0.397	19.124	-0.349	24.422	-0.256	24.440	-0.212	24.464	-0.332	24.506	-0.316
19.149	-0.294	19.152	-0.286	19.170	-0.230	19.189	-0.214	24.525	-0.332	24.548	-0.392	24.569	-0.424	24.603	-0.368
19.225	-0.230	19.251	-0.211	19.266	-0.151	19.285	-0.127	24.623	-0.348	24.651	-0.329	24.679	-0.253	24.698	-0.225
19.310	-0.127	19.338	-0.127	19.363	-0.139	19.384	-0.084	24.726	-0.265	24.745	-0.313	24.775	-0.329	24.799	-0.333
19.400	-0.000	19.418	0.135	19.444	0.206	19.467	0.261	24.836	-0.349	24.857	-0.313	24.890	-0.230	24.922	-0.210
19.488	0.325	19.510	0.333	19.531	0.301	19.553	0.277	24.952	-0.230	24.982	-0.270	25.012	-0.302	25.037	-0.318
19.579	0.284	19.597	0.288	19.621	0.280	19.641	0.276	25.063	-0.318	25.091	-0.306	25.119	-0.271	25.150	-0.227
19.674	0.353	19.694	0.359	19.721	0.395	19.739	0.371	25.176	-0.191	25.199	-0.156	25.226	-0.124	25.251	-0.072
19.766	0.299	19.790	0.207	19.806	0.163	19.825	0.139	25.278	-0.029	25.302	0.015	25.314	0.043	25.324	0.043

71-130 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. 8TH FLOOR DOWN

1490 POINTS 25.425 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1756 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.003	0.015	-0.003	0.028	-0.006	0.044	-0.003	1.699	0.035	1.711	-0.025	1.728	-0.022	1.748	-0.018		
0.051	0.024	0.056	0.069	0.060	0.084	0.069	0.058	1.760	0.031	1.769	0.072	1.788	0.133	1.802	0.227		
0.078	0.009	0.084	-0.010	0.094	-0.022	0.103	-0.056	1.814	0.280	1.826	0.306	1.838	0.302	1.849	0.280		
0.109	-0.116	0.115	-0.146	0.124	-0.154	0.133	-0.154	1.863	0.295	1.875	0.257	1.884	0.162	1.890	0.060		
0.142	-0.131	0.146	-0.097	0.154	-0.071	0.158	-0.052	1.923	0.075	1.923	0.075	1.934	0.135	1.950	0.203		
0.167	-0.040	0.176	-0.025	0.186	-0.048	0.192	-0.078	1.961	0.256	1.969	0.283	1.982	0.226	1.994	0.128		
0.202	-0.090	0.213	-0.101	0.223	-0.108	0.229	-0.090	2.006	0.063	2.021	0.082	2.034	0.071	2.052	0.052		
0.238	-0.037	0.250	0.035	0.262	0.126	0.272	0.224	2.065	0.052	2.075	-0.028	2.085	-0.115	2.093	-0.145		
0.284	0.307	0.293	0.337	0.305	0.326	0.316	0.292	2.103	-0.107	2.112	-0.039	2.126	0.036	2.135	0.010		
0.326	0.232	0.336	0.126	0.341	0.073	0.352	0.054	2.146	-0.115	2.153	-0.160	2.167	-0.119	2.171	-0.092		
0.374	-0.003	0.386	-0.063	0.396	-0.112	0.407	-0.161	2.190	-0.043	2.199	0.017	2.212	0.085	2.224	0.134		
0.417	-0.131	0.427	-0.063	0.434	-0.020	0.443	-0.092	2.236	0.096	2.246	0.021	2.255	0.002	2.271	0.028		
0.452	0.148	0.461	0.190	0.472	0.145	0.482	0.046	2.283	0.002	2.302	-0.085	2.317	-0.040	2.339	0.017		
0.490	-0.025	0.501	-0.056	0.508	-0.040	0.518	-0.058	2.363	0.134	2.377	0.202	2.393	0.270	2.412	0.300		
0.528	0.179	0.538	0.266	0.547	0.311	0.556	0.330	2.427	0.270	2.443	0.198	2.448	0.028	2.463	-0.116		
0.565	0.311	0.572	0.232	0.582	0.092	0.588	-0.029	2.470	-0.165	2.479	-0.192	2.497	-0.169	2.505	-0.146		
0.597	-0.082	0.614	-0.078	0.625	-0.101	0.635	-0.154	2.516	-0.063	2.531	-0.097	2.544	-0.029	2.562	-0.045		
0.650	-0.184	0.661	-0.218	0.668	-0.244	0.680	-0.207	2.578	-0.082	2.593	-0.124	2.606	-0.132	2.617	-0.117		
0.687	-0.120	0.693	-0.006	0.702	0.133	0.713	0.281	2.627	-0.079	2.638	-0.105	2.650	-0.142	2.665	-0.109		
0.726	0.349	0.735	0.368	0.743	0.353	0.755	0.273	2.677	0.068	2.712	0.038	2.731	0.038	2.752	0.064		
0.763	0.209	0.773	0.390	0.783	0.198	0.803	0.175	2.761	0.094	2.776	0.253	2.789	0.382	2.798	0.453		
0.822	0.103	0.836	0.005	0.846	-0.101	0.858	-0.139	2.807	0.072	2.825	0.453	2.834	0.408	2.848	0.276		
0.868	-0.097	0.884	-0.014	0.901	0.046	0.911	0.080	2.856	0.064	2.865	-0.102	2.872	-0.155	2.888	-0.137		
0.930	0.062	0.943	-0.040	0.955	-0.105	0.962	-0.067	2.908	-0.148	2.920	0.106	2.937	0.023	2.955	0.120		
0.972	0.046	0.979	0.141	0.988	0.213	1.000	0.269	2.967	0.230	2.982	0.422	2.994	0.468	3.005	0.396		
1.013	0.231	1.027	0.160	1.039	0.058	1.047	-0.014	3.018	0.139	3.027	-0.059	3.035	-0.201	3.045	-0.258		
1.063	-0.041	1.077	-0.037	1.086	-0.086	1.095	-0.237	3.057	-0.228	3.068	-0.134	3.079	-0.028	3.088	0.051		
1.104	-0.351	1.113	-0.408	1.124	-0.343	1.137	-0.158	3.096	0.070	3.105	0.025	3.111	-0.107	3.119	-0.247		
1.146	0.023	1.154	0.144	1.161	0.208	1.168	0.261	3.132	-0.342	3.138	-0.293	3.145	-0.217	3.154	-0.025		
1.181	0.201	1.190	0.094	1.198	-0.094	1.208	-0.193	3.165	0.127	3.169	0.172	3.179	0.198	3.191	0.160		
1.216	-0.227	1.230	-0.166	1.239	-0.034	1.245	-0.027	3.206	0.066	3.218	-0.021	3.232	0.070	3.243	0.202		
1.257	0.083	1.268	0.045	1.278	-0.057	1.284	-0.098	3.256	0.285	3.270	0.213	3.286	0.047	3.295	-0.044		
1.293	-0.132	1.293	-0.060	1.315	-0.019	1.323	-0.064	3.310	-0.026	3.322	-0.025	3.334	0.118	3.341	0.250		
1.333	0.087	1.345	0.098	1.364	-0.008	1.379	0.053	3.351	0.326	3.361	0.348	3.370	0.311	3.384	0.261		
1.386	-0.019	1.398	0.102	1.410	0.249	1.423	0.309	3.395	0.307	3.405	0.363	3.421	0.333	3.434	0.291		
1.431	0.271	1.444	0.113	1.455	-0.061	1.462	-0.193	3.449	0.110	3.464	-0.094	3.476	-0.264	3.482	-0.340		
1.474	-0.280	1.485	-0.307	1.494	-0.250	1.504	-0.156	3.489	-0.370	3.501	-0.317	3.509	-0.272	3.531	-0.204		
1.512	-0.103	1.547	-0.069	1.559	-0.024	1.572	0.093	3.543	-0.265	3.554	-0.318	3.564	-0.057	3.578	-0.155		
1.585	0.206	1.600	0.263	1.616	0.206	1.627	0.077	3.588	-0.068	3.600	-0.034	3.612	-0.050	3.625	-0.027		
1.637	-0.006	1.652	-0.048	1.665	0.001	1.684	0.062	3.640	-0.034	3.653	0.030	3.665	0.222	3.671	0.404		

3.680	0.532	3.691	0.559	3.703	0.517	3.713	0.445	6.732	-0.223	6.744	-0.121	6.753	-0.049	6.769	-0.000
3.731	0.408	3.740	0.377	3.758	0.464	3.773	0.407	6.783	-0.004	6.802	-0.042	6.819	-0.065	6.830	-0.054
3.787	0.248	3.797	0.001	3.809	-0.088	3.827	0.130	6.844	0.021	6.854	0.051	6.866	0.036	6.877	0.134
3.840	-0.190	3.855	-0.243	3.871	-0.205	3.886	-0.153	6.892	0.153	6.906	0.266	6.911	0.349	6.922	0.376
3.903	-0.179	3.913	-0.088	3.927	0.059	3.936	0.116	6.932	0.330	6.944	0.168	6.956	0.050	6.966	-0.052
3.950	0.157	3.967	0.131	3.980	0.070	3.991	-0.040	6.977	-0.037	6.989	-0.097	7.001	-0.109	7.012	-0.052
4.003	-0.161	4.017	-0.191	4.029	-0.157	4.042	-0.063	7.028	0.027	7.046	0.072	7.070	0.117	7.084	0.113
4.051	0.013	4.061	0.051	4.079	0.043	4.091	0.035	7.097	0.071	7.116	0.098	7.123	0.052	7.141	-0.035
4.115	0.073	4.129	0.054	4.139	0.005	4.158	-0.018	7.153	-0.084	7.165	-0.099	7.180	0.033	7.199	0.244
4.172	-0.044	4.188	0.012	4.201	0.091	4.217	0.140	7.208	0.376	7.222	0.505	7.231	0.610	7.243	0.682
4.232	0.106	4.244	0.076	4.257	0.042	4.269	0.095	7.255	0.636	7.276	0.372	7.292	0.133	7.310	-0.090
4.279	0.159	4.291	0.159	4.310	0.144	4.323	0.144	7.324	-0.249	7.344	-0.339	7.356	-0.343	7.375	-0.363
4.336	0.064	4.353	0.072	4.366	0.056	4.385	0.071	7.383	-0.287	7.392	-0.181	7.402	-0.132	7.416	-0.136
4.396	0.015	4.424	-0.087	4.434	-0.114	4.449	-0.035	7.428	-0.170	7.437	-0.257	7.448	-0.303	7.463	-0.205
4.457	0.064	4.466	0.101	4.481	0.139	4.494	0.071	7.472	-0.039	7.485	0.090	7.493	0.324	7.504	0.460
4.512	-0.005	4.536	-0.084	4.554	-0.032	4.565	0.025	7.514	0.437	7.530	0.407	7.549	0.244	7.557	0.055
4.591	0.031	4.609	0.112	4.627	0.168	4.639	0.278	7.568	-0.082	7.585	-0.115	7.601	-0.149	7.622	-0.123
4.656	0.319	4.669	0.334	4.684	0.293	4.705	0.255	7.635	-0.055	7.648	0.092	7.656	0.175	7.671	0.224
4.719	0.183	4.727	0.107	4.739	0.088	4.754	0.130	7.686	0.198	7.693	0.092	7.702	0.039	7.711	0.012
4.771	0.160	4.797	0.152	4.808	0.096	4.828	-0.067	7.728	0.054	7.735	0.103	7.751	0.126	7.769	0.088
4.837	-0.177	4.850	-0.267	4.866	-0.226	4.881	-0.158	7.786	0.125	7.796	0.246	7.806	0.363	7.821	0.446
4.893	-0.075	4.906	-0.045	4.918	0.068	4.928	0.193	7.831	0.412	7.842	0.272	7.849	0.097	7.861	-0.057
4.953	0.163	4.967	0.027	4.987	0.027	4.985	-0.151	7.880	-0.174	7.892	-0.234	7.906	-0.140	7.921	-0.023
5.011	-0.287	5.032	-0.438	5.047	-0.514	5.059	-0.393	7.933	0.090	7.943	0.154	7.951	0.158	7.967	0.131
5.075	-0.238	5.087	-0.091	5.099	-0.004	5.112	-0.072	7.981	0.158	7.997	0.248	8.008	0.297	8.023	0.275
5.121	-0.152	5.130	-0.257	5.136	-0.325	5.142	-0.341	8.035	0.048	8.045	-0.122	8.050	-0.164	8.066	-0.179
5.158	-0.280	5.173	-0.106	5.180	0.003	5.195	0.135	8.080	-0.247	8.094	-0.193	8.111	-0.059	8.136	0.036
5.207	0.200	5.221	0.113	5.235	0.018	5.251	-0.024	8.157	0.134	8.166	0.175	8.178	0.137	8.190	0.020
5.266	0.022	5.285	0.161	5.304	0.237	5.316	0.271	8.196	-0.159	8.204	0.286	8.217	-0.324	8.229	-0.207
5.328	0.237	5.338	0.195	5.345	0.278	5.359	0.369	8.246	0.152	8.256	0.432	8.262	0.541	8.273	0.594
5.369	0.365	5.381	0.316	5.390	0.206	5.400	-0.024	8.284	0.530	8.310	0.332	8.310	0.336	8.332	-0.106
5.415	-0.187	5.432	-0.357	5.449	-0.187	5.464	0.006	8.347	0.261	8.360	-0.355	8.374	-0.386	8.393	-0.363
5.478	0.112	5.492	0.180	5.501	0.195	5.513	0.146	8.409	-0.170	8.425	0.049	8.434	0.132	8.449	0.203
5.523	-0.043	5.535	-0.130	5.552	-0.142	5.568	-0.066	8.465	0.162	8.482	0.086	8.506	-0.059	8.530	0.037
5.588	0.043	5.595	0.089	5.608	0.126	5.620	0.074	8.543	-0.016	8.555	-0.168	8.576	-0.357	8.591	-0.398
5.630	-0.010	5.645	-0.055	5.660	-0.036	5.679	-0.074	8.602	-0.338	8.619	-0.164	8.636	0.240	8.654	0.470
5.695	0.032	5.712	0.187	5.731	0.300	5.746	0.368	8.673	0.583	8.692	0.678	8.705	0.617	8.723	0.466
5.755	0.292	5.768	0.020	5.779	-0.157	5.790	-0.252	8.733	0.277	8.745	0.065	8.756	-0.116	8.766	-0.200
5.800	-0.290	5.820	-0.301	5.840	-0.271	5.858	-0.222	8.778	-0.245	8.795	-0.143	8.823	0.095	8.841	0.321
5.874	-0.135	5.890	0.039	5.903	0.213	5.911	0.288	8.856	0.510	8.873	0.597	8.889	0.544	8.907	0.419
5.923	0.337	5.937	0.360	5.947	0.334	5.960	0.296	8.919	0.336	8.935	0.287	8.952	0.302	8.967	0.332
5.973	0.368	5.987	0.424	6.000	0.368	6.011	0.262	8.992	0.127	9.004	-0.024	9.016	-0.168	9.037	0.077
6.023	0.059	6.035	0.046	6.044	0.031	6.063	0.069	9.025	-0.262	9.040	-0.153	9.057	-0.002	9.069	0.077
6.078	0.091	6.086	0.042	6.100	-0.203	6.112	-0.434	9.086	0.001	9.096	-0.093	9.108	-0.165	9.123	-0.203
6.123	-0.498	6.134	-0.430	6.156	-0.200	6.168	-0.079	9.146	-0.203	9.163	-0.192	9.177	-0.159	9.196	-0.091
6.180	-0.034	6.190	-0.072	6.208	-0.109	6.222	-0.060	9.223	-0.061	9.238	-0.004	9.250	0.029	9.265	-0.054
6.235	0.084	6.245	0.166	6.255	0.208	6.264	0.140	9.277	-0.133	9.287	-0.254	9.302	-0.304	9.320	-0.194
6.275	0.019	6.286	-0.200	6.301	-0.367	6.313	-0.295	9.338	0.006	9.346	0.164	9.361	0.274	9.377	0.307
6.323	-0.117	6.335	0.064	6.345	0.128	6.355	0.087	9.358	0.296	9.413	0.228	9.445	0.167	9.470	0.079
6.371	0.003	6.385	-0.042	6.399	-0.035	6.408	0.037	9.490	-0.080	9.505	-0.175	9.525	-0.258	9.542	-0.209
6.425	0.185	6.441	0.286	6.458	0.339	6.469	0.271	9.554	-0.176	9.575	-0.248	9.596	-0.313	9.620	-0.268
6.482	0.154	6.494	0.105	6.504	0.093	6.516	0.116	9.640	-0.163	9.657	-0.053	9.674	-0.114	9.689	-0.084
6.525	0.025	6.544	-0.194	6.555	-0.349	6.569	-0.395	9.699	-0.221	9.708	-0.277	9.725	-0.323	9.735	-0.267
6.577	-0.335	6.587	-0.202	6.604	-0.024	6.617	0.156	9.749	-0.207	9.783	-0.260	9.783	-0.321	9.794	-0.381
6.631	0.262	6.644	0.299	6.655	0.288	6.665	0.152	9.807	-0.401	9.830	-0.329	9.843	-0.265	9.863	-0.228
6.678	-0.060	6.694	-0.245	6.703	-0.321	6.717	-0.291	9.876	-0.259	9.890	-0.270	9.906	-0.214	9.918	-0.207



9.936	-0.071	9.953	0.053	9.963	0.083	9.980	0.053	13.191	-0.033	13.204	0.016	13.234	0.046	13.252	0.012
9.996	0.038	10.013	-0.114	10.031	0.002	10.047	0.093	13.276	-0.007	13.295	0.019	13.304	0.053	13.322	0.102
10.068	0.066	10.088	0.141	10.109	0.106	10.125	0.102	13.343	0.117	13.361	0.203	13.382	0.211	13.413	0.176
10.136	0.038	10.153	-0.125	10.174	-0.296	10.180	-0.383	13.430	0.131	13.456	0.021	13.473	-0.006	13.507	-0.055
10.192	-0.482	10.209	-0.490	10.220	-0.380	10.234	-0.127	13.530	-0.086	13.547	-0.063	13.568	-0.079	13.579	-0.095
10.241	-0.029	10.248	0.027	10.259	0.269	10.270	0.457	13.604	-0.034	13.626	-0.049	13.646	-0.038	13.671	-0.079
10.276	0.556	10.289	0.593	10.304	0.532	10.320	0.373	13.692	-0.175	13.702	-0.190	13.721	-0.289	13.735	-0.315
10.332	0.207	10.344	0.025	10.350	-0.036	10.363	-0.081	13.756	-0.312	13.783	-0.372	13.810	-0.422	13.828	-0.426
10.386	0.097	10.418	-0.068	10.441	-0.027	10.463	-0.014	13.847	-0.348	13.868	-0.411	13.902	-0.414	13.923	-0.284
10.479	0.120	10.497	0.206	10.515	0.278	10.538	0.198	13.935	-0.238	13.954	-0.205	13.973	-0.118	14.008	-0.020
10.564	0.107	10.586	-0.022	10.599	-0.230	10.629	0.305	14.045	0.100	14.069	0.175	14.090	0.179	14.112	0.164
10.614	-0.359	10.621	-0.404	10.630	-0.438	10.639	-0.400	14.145	0.186	14.164	0.170	14.183	0.132	14.199	0.106
10.647	-0.374	10.659	-0.333	10.674	-0.265	10.676	-0.178	14.223	0.109	14.246	0.082	14.262	0.075	14.286	0.176
10.687	-0.076	10.692	-0.016	10.706	0.003	10.712	-0.031	14.303	0.210	14.314	0.267	14.340	0.338	14.360	0.368
10.728	-0.081	10.734	-0.073	10.738	-0.036	10.749	0.009	14.388	0.322	14.404	0.235	14.436	0.118	14.460	0.068
10.754	0.009	10.764	-0.025	10.771	-0.093	10.784	-0.210	14.483	0.042	14.498	0.083	14.523	0.147	14.541	0.188
10.800	-0.286	10.812	-0.313	10.832	-0.321	10.854	-0.215	14.559	0.211	14.580	0.165	14.602	0.090	14.624	0.018
10.859	-0.143	10.874	-0.121	10.884	-0.163	10.903	-0.288	14.650	-0.119	14.678	-0.202	14.705	-0.221	14.737	-0.218
10.917	-0.337	10.929	-0.356	10.940	-0.288	10.949	-0.168	14.757	-0.142	14.779	-0.090	14.791	-0.022	14.813	0.020
10.959	-0.096	10.978	-0.002	10.991	0.081	11.003	0.191	14.840	0.000	14.852	-0.056	14.870	-0.136	14.899	-0.246
11.008	0.206	11.019	0.213	11.028	0.190	11.037	0.103	14.923	-0.306	14.945	-0.307	14.963	-0.277	14.982	-0.171
11.048	-0.010	11.058	-0.048	11.075	-0.082	11.085	-0.109	15.002	-0.092	15.022	-0.050	15.045	-0.050	15.066	-0.077
11.102	-0.071	11.108	-0.056	11.120	0.053	11.133	0.204	15.091	-0.138	15.111	-0.217	15.137	-0.289	15.153	-0.247
11.151	0.261	11.166	0.264	11.178	0.253	11.184	0.238	15.169	-0.183	15.190	-0.119	15.207	-0.108	15.240	-0.116
11.194	0.124	11.216	-0.050	11.226	-0.152	11.231	-0.186	15.263	0.032	15.292	0.160	15.313	0.190	15.337	0.163
11.240	-0.198	11.248	-0.152	11.255	-0.069	11.283	0.161	15.355	0.159	15.380	0.106	15.406	0.099	15.431	0.163
11.310	0.251	11.322	0.368	11.337	0.440	11.353	0.470	15.454	0.216	15.477	0.246	15.497	0.257	15.522	0.185
11.365	0.466	11.376	0.511	11.386	0.541	11.401	0.507	15.554	0.151	15.569	0.200	15.588	0.230	15.616	0.256
11.414	0.458	11.427	0.454	11.437	0.484	11.443	0.537	15.659	0.256	15.673	0.320	15.699	0.384	15.713	0.372
11.454	0.514	11.460	0.488	11.469	0.412	11.483	0.257	15.743	0.257	15.756	0.361	15.769	0.262	15.790	0.311
11.495	0.113	11.512	-0.023	11.539	-0.035	11.552	0.039	15.803	0.289	15.812	0.232	15.838	0.251	15.867	0.201
11.564	0.104	11.579	0.127	11.601	0.111	11.618	0.092	15.889	0.114	15.924	0.050	15.929	0.050	15.952	0.106
11.634	0.145	11.652	0.213	11.665	0.231	11.678	0.246	15.979	-0.000	15.996	-0.023	16.014	-0.099	16.040	-0.160
11.705	0.242	11.719	0.121	11.739	-0.034	11.761	-0.186	16.086	-0.122	16.121	-0.077	16.161	-0.116	16.194	-0.173
11.775	-0.258	11.793	-0.288	11.799	-0.243	11.824	-0.005	16.235	-0.226	16.272	-0.242	16.300	-0.182	16.313	-0.125
11.847	0.176	11.856	0.213	11.859	0.228	11.873	0.190	16.341	-0.043	16.368	-0.001	16.387	-0.032	16.413	-0.134
11.881	0.175	11.902	0.171	11.907	0.145	11.924	0.069	16.436	-0.237	16.458	-0.305	16.468	-0.305	16.492	-0.218
11.949	-0.079	11.967	-0.177	11.986	-0.204	12.012	-0.307	16.528	-0.128	16.545	-0.045	16.567	-0.042	16.582	-0.057
12.032	-0.356	12.043	-0.371	12.052	-0.311	12.066	-0.156	16.598	-0.057	16.615	-0.027	16.628	-0.031	16.651	-0.062
12.089	-0.040	12.101	0.021	12.112	0.134	12.128	0.187	16.670	-0.096	16.695	-0.089	16.716	-0.082	16.738	-0.082
12.137	0.202	12.152	0.148	12.168	0.095	12.184	0.011	16.760	-0.093	16.796	-0.086	16.806	-0.053	16.824	-0.007
12.197	-0.079	12.218	-0.117	12.228	-0.117	12.243	-0.019	16.855	-0.019	16.865	-0.016	16.884	0.007	16.905	-0.016
12.252	0.079	12.272	0.173	12.285	0.184	12.312	0.150	16.940	-0.058	16.975	-0.077	17.001	-0.010	17.025	0.005
12.325	0.176	12.333	0.236	12.343	0.278	12.358	0.289	17.046	-0.014	17.084	0.110	17.088	0.106	17.110	0.091
12.376	0.262	12.395	0.183	12.404	0.103	12.421	0.129	17.130	0.004	17.157	-0.008	17.167	-0.110	17.197	-0.160
12.433	0.129	12.441	0.171	12.461	0.200	12.474	0.113	17.228	-0.175	17.286	-0.115	17.286	-0.025	17.303	0.009
12.488	0.015	12.500	0.015	12.518	0.079	12.533	0.136	17.333	0.035	17.362	-0.056	17.395	-0.132	17.426	-0.193
12.540	0.117	12.561	0.060	12.574	0.018	12.594	0.022	17.458	-0.216	17.480	-0.152	17.513	-0.054	17.561	-0.017
12.604	0.090	12.630	0.142	12.651	0.168	12.664	0.149	17.606	-0.002	17.665	-0.003	17.723	0.004	17.756	0.080
12.682	0.013	12.699	-0.100	12.727	-0.271	12.749	-0.297	17.774	0.140	17.804	0.128	17.850	0.086	17.875	0.071
12.758	-0.312	12.781	-0.256	12.805	-0.132	12.827	-0.049	17.895	0.143	17.917	0.184	17.963	0.190	17.991	0.123
12.843	-0.015	12.851	-0.026	12.869	-0.087	12.893	-0.170	18.040	0.092	18.093	0.043	18.148	0.016	18.196	0.050
12.903	-0.238	12.917	-0.269	12.945	-0.273	12.963	-0.239	18.246	0.073	18.304	0.110	18.338	0.137	18.377	0.118
12.981	-0.182	12.997	-0.156	13.011	-0.156	13.030	-0.239	18.404	0.076	18.447	0.023	18.475	0.057	18.475	0.053
13.045	-0.266	13.066	-0.262	13.087	-0.198	13.103	-0.172	18.459	0.061	18.518	0.004	18.557	-0.076	18.581	-0.148
13.128	-0.199	13.146	-0.210	13.162	-0.169	13.183	-0.127	18.626	-0.114	18.657	-0.125	18.706	-0.152	18.756	-0.114

18.807	-0.103	18.844	-0.134	18.892	-0.145	18.957	-0.134	24.428	-0.069	24.443	-0.099	24.455	-0.129	24.477	-0.144
18.990	-0.085	19.003	-0.062	19.012	-0.043	19.040	-0.074	24.498	-0.114	24.520	-0.058	24.548	-0.005	24.570	0.010
19.088	-0.119	19.120	-0.146	19.133	-0.172	19.151	-0.093	24.594	-0.016	24.615	-0.028	24.639	-0.051	24.672	-0.032
19.172	-0.025	19.194	-0.010	19.218	0.005	19.274	0.016	24.698	-0.036	24.727	-0.036	24.749	-0.036	24.778	-0.025
19.288	-0.026	19.322	-0.052	19.355	-0.049	19.383	-0.075	24.797	-0.028	24.820	-0.044	24.835	-0.044	24.854	-0.044
19.413	-0.128	19.427	-0.109	19.440	-0.049	19.456	-0.041	24.874	-0.044	24.897	-0.044	24.916	-0.059	24.941	-0.033
19.482	-0.060	19.512	-0.140	19.532	-0.174	19.559	-0.171	24.962	-0.018	24.989	-0.003	25.017	-0.007	25.023	-0.014
19.583	-0.125	19.613	-0.054	19.644	-0.047	19.646	-0.028	25.043	-0.014	25.063	-0.014	25.088	-0.052	25.111	-0.090
19.665	0.029	19.686	0.025	19.709	-0.024	19.740	-0.081	25.131	-0.098	25.157	-0.090	25.186	-0.106	25.210	-0.087
19.770	-0.100	19.781	-0.082	19.798	-0.014	19.822	-0.021	25.230	-0.045	25.246	-0.008	25.264	0.026	25.285	-0.004
19.854	0.016	19.870	0.008	19.894	0.001	19.925	0.031	25.302	-0.027	25.324	-0.053	25.351	-0.049	25.373	-0.050
19.958	0.076	19.966	0.072	20.003	0.049	20.044	0.052	25.396	-0.035	25.406	-0.019	25.416	0.007	25.424	0.030
20.089	0.029	20.116	0.037	20.143	0.067	20.158	0.044	25.425	0.030	25.425	0.030				
20.187	0.111	20.224	0.187	20.236	0.198	20.265	0.126								
20.301	0.054	20.325	0.019	20.355	0.038	20.371	0.064								
20.388	0.045	20.413	0.071	20.448	0.018	20.485	0.003								
20.511	-0.058	20.545	-0.111	20.564	-0.145	20.601	-0.130								
20.627	-0.100	20.668	-0.066	20.706	-0.066	20.734	-0.142								
20.756	-0.187	20.798	-0.138	20.845	-0.085	20.876	-0.017								
20.919	-0.014	20.954	-0.059	20.995	-0.146	21.018	-0.158								
21.046	-0.059	21.073	0.069	21.097	0.130	21.111	0.141								
21.139	0.080	21.165	0.009	21.195	-0.059	21.228	-0.074								
21.285	-0.068	21.336	-0.022	21.358	-0.025	21.398	-0.090								
21.423	-0.169	21.449	-0.195	21.490	-0.142	21.525	-0.093								
21.549	-0.108	21.585	-0.120	21.625	-0.165	21.670	-0.120								
21.709	-0.105	21.732	-0.105	21.742	-0.101	21.753	-0.101								
21.852	-0.146	21.788	-0.124	21.811	-0.120	21.829	-0.135								
21.875	-0.158	21.896	-0.139	21.896	-0.139	21.917	-0.131								
21.932	-0.120	21.948	-0.108	21.968	-0.120	21.984	-0.120								
22.002	-0.108	22.014	-0.105	22.034	-0.093	22.053	-0.078								
22.073	-0.067	22.095	-0.052	22.116	-0.037	22.142	-0.029								
22.160	-0.018	22.181	-0.006	22.209	0.001	22.231	0.009								
22.248	-0.018	22.272	-0.014	22.291	-0.003	22.314	0.012								
22.336	0.028	22.354	0.028	22.372	0.028	22.394	0.035								
22.417	0.062	22.440	0.073	22.458	0.046	22.481	0.009								
22.501	0.024	22.524	0.028	22.548	0.016	22.566	0.016								
22.593	0.028	22.621	0.031	22.644	0.031	22.665	0.028								
22.689	0.035	22.714	0.024	22.739	0.028	22.766	0.024								
22.788	-0.003	22.816	-0.014	22.843	-0.029	22.864	-0.006								
22.889	0.024	22.908	0.031	22.924	0.031	22.945	0.031								
22.961	0.031	22.981	0.031	22.993	0.031	23.008	-0.025								
23.020	-0.048	23.038	-0.056	23.064	-0.022	23.088	-0.007								
23.108	-0.003	23.130	0.005	23.153	0.031	23.180	0.042								
23.201	-0.027	23.220	-0.014	23.235	-0.052	23.257	-0.064								
23.281	-0.052	23.303	-0.075	23.332	-0.037	23.351	-0.011								
23.369	0.015	23.387	0.015	23.409	-0.022	23.425	-0.068								
23.447	-0.060	23.472	-0.053	23.496	-0.057	23.529	-0.061								
23.562	-0.000	23.587	0.019	23.607	0.030	23.633	-0.004								
23.657	-0.019	23.678	-0.076	23.711	-0.091	23.736	-0.084								
23.757	-0.084	23.781	-0.061	23.807	-0.073	23.835	-0.092								
23.858	-0.056	23.891	-0.100	23.912	-0.119	23.933	-0.123								
23.957	-0.119	23.981	-0.134	24.015	-0.153	24.042	-0.131								
24.072	-0.119	24.099	-0.101	24.123	-0.101	24.142	-0.105								
24.158	-0.109	24.178	-0.128	24.204	-0.143	24.229	-0.154								
24.252	-0.139	24.275	-0.109	24.292	-0.068	24.313	-0.041								
24.338	-0.034	24.367	-0.023	24.387	-0.027	24.409	-0.042								

N29E

25.383 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

6/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.7205 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.054	0.013	-0.054	0.021	-0.015	0.031	0.017	2.009	0.205	2.023	0.117	2.037	0.110	2.052	0.052	2.052	0.035
0.043	0.068	0.059	0.123	0.075	0.178	0.086	0.206	2.066	-0.048	2.080	-0.055	2.092	-0.103	2.105	-0.076	2.105	-0.076
0.101	0.214	0.114	0.198	0.125	0.143	0.134	0.075	2.116	0.011	2.127	0.058	2.139	0.217	2.151	0.284	2.151	0.284
0.143	0.016	0.151	-0.047	0.159	-0.110	0.168	-0.173	2.164	0.284	2.178	-0.260	2.194	0.197	2.213	0.177	2.213	0.177
0.179	-0.221	0.193	-0.221	0.202	-0.214	0.214	-0.170	2.235	0.173	2.255	0.153	2.273	0.118	2.285	0.074	2.285	0.074
0.227	0.067	0.239	0.032	0.254	0.170	0.265	0.268	2.298	0.015	2.308	-0.036	2.318	-0.087	2.328	-0.099	2.328	-0.099
0.278	0.343	0.291	0.387	0.304	0.379	0.331	0.343	2.338	0.072	2.353	0.034	2.367	0.039	2.380	0.114	2.380	0.114
0.323	0.343	0.331	0.193	0.341	0.106	0.349	0.007	2.353	0.157	2.409	0.185	2.430	0.204	2.448	0.220	2.448	0.220
0.357	-0.072	0.364	-0.150	0.372	-0.226	0.383	0.285	2.458	0.220	2.472	0.260	2.488	0.212	2.506	0.208	2.506	0.208
0.396	-0.316	0.409	-0.312	0.420	-0.269	0.431	-0.214	2.527	0.216	2.542	0.220	2.553	0.220	2.567	0.172	2.567	0.172
0.444	-0.118	0.455	-0.115	0.468	-0.025	0.478	0.070	2.581	0.125	2.589	0.055	2.597	0.014	2.607	-0.041	2.607	-0.041
0.489	0.200	0.501	0.323	0.510	0.378	0.518	0.394	2.619	-0.088	2.628	-0.120	2.644	-0.088	2.663	-0.057	2.663	-0.057
0.527	0.370	0.538	0.279	0.551	0.184	0.562	0.101	2.677	-0.037	2.686	-0.025	2.700	-0.053	2.712	-0.101	2.712	-0.101
0.575	0.046	0.588	0.006	0.602	-0.013	0.619	-0.021	2.720	-0.144	2.731	-0.144	2.744	-0.124	2.762	-0.101	2.762	-0.101
0.634	-0.037	0.650	-0.065	0.665	0.077	0.681	0.069	2.781	-0.065	2.787	-0.034	2.811	0.014	2.826	0.021	2.826	0.021
0.655	0.022	0.711	0.061	0.724	0.136	0.736	0.203	2.837	0.006	2.849	0.038	2.858	-0.125	2.869	0.239	2.858	-0.125
0.746	0.247	0.759	0.258	0.772	0.235	0.785	0.195	2.882	-0.342	2.888	-0.342	2.906	-0.397	2.913	-0.382	2.906	-0.397
0.795	0.136	0.805	0.073	0.819	0.021	0.835	-0.022	2.920	-0.315	2.931	-0.236	2.945	-0.153	2.952	-0.066	2.945	-0.153
0.852	-0.042	0.868	-0.058	0.884	-0.089	0.900	-0.129	2.976	-0.011	2.986	0.004	2.996	0.044	3.007	-0.023	2.996	0.044
0.914	-0.161	0.924	-0.173	0.936	-0.161	0.947	-0.114	3.023	-0.687	3.035	-0.170	3.047	-0.237	3.061	-0.272	3.047	-0.237
0.955	-0.051	0.968	-0.044	0.982	0.166	0.996	0.269	3.072	-0.296	3.084	-0.255	3.097	-0.158	3.109	-0.044	3.097	-0.158
1.011	0.336	1.023	0.363	1.033	0.344	1.045	0.245	3.123	0.074								

4.003	0.140	4.013	0.187	4.026	0.234	4.043	0.250	6.455	0.289	6.466	0.304	6.480	0.296	6.490	0.245
4.051	0.234	4.063	0.166	4.074	0.107	4.084	0.032	6.502	0.209	6.519	0.213	6.534	0.205	6.551	0.205
4.058	-0.035	4.107	-0.059	4.115	-0.074	4.126	-0.055	6.567	0.193	6.576	0.129	6.584	0.023	6.554	-0.127
4.137	0.044	4.146	0.138	4.155	0.233	4.163	0.280	6.607	-0.388	6.621	-0.637	6.632	-0.882	6.642	-1.028
4.178	0.324	4.193	0.343	4.203	0.327	4.216	0.272	6.649	-1.079	6.656	-1.055	6.665	-1.064	6.674	-0.926
4.225	0.201	4.235	0.122	4.247	0.019	4.259	-0.087	6.687	-0.705	6.701	-0.441	6.713	-0.172	6.731	0.108
4.271	-0.222	4.282	-0.309	4.296	-0.376	4.310	-0.400	6.749	0.269	6.755	0.304	6.767	0.439	6.776	0.447
4.319	-0.408	4.329	-0.388	4.341	-0.313	4.353	-0.218	6.786	0.423	6.795	0.304	6.807	0.134	6.818	-0.031
4.364	-0.140	4.375	-0.077	4.387	-0.037	4.403	-0.029	6.831	-0.257	6.843	-0.457	6.855	-0.707	6.873	-0.916
4.413	-0.037	4.428	-0.073	4.443	-0.117	4.454	-0.156	6.888	-1.070	6.899	-1.057	6.906	-1.075	6.914	-0.988
4.468	-0.160	4.481	-0.133	4.492	-0.054	4.501	-0.054	6.927	-0.818	6.940	-0.665	6.950	-0.578	6.958	-0.531
4.515	0.072	4.525	0.128	4.540	0.159	4.553	0.139	6.966	-0.519	6.975	-0.551	6.988	-0.618	7.000	-0.642
4.568	0.096	4.581	0.032	4.592	-0.015	4.604	-0.094	7.010	-0.618	7.018	-0.551	7.027	-0.515	7.035	-0.587
4.611	-0.025	4.623	-0.331	4.636	-0.497	4.647	-0.623	7.053	-0.595	7.066	-0.568	7.075	-0.517	7.088	-0.462
4.661	-0.750	4.675	-0.876	4.687	-0.963	4.699	-1.007	7.100	-0.344	7.111	-0.266	7.123	-0.167	7.135	-0.016
4.709	-1.015	4.718	-0.987	4.727	-0.912	4.735	-0.742	7.146	0.050	7.159	0.094	7.177	0.109	7.192	0.121
4.747	-0.522	4.757	-0.324	4.767	-0.123	4.772	-0.076	7.202	0.125	7.214	0.101	7.222	0.069	7.230	0.061
4.777	-0.040	4.786	0.102	4.798	0.208	4.809	0.263	7.242	0.112	7.254	0.203	7.262	0.345	7.274	0.573
4.819	0.283	4.827	0.259	4.837	0.196	4.846	0.129	7.265	0.834	7.296	1.102	7.305	1.283	7.318	1.401
4.858	0.050	4.868	0.014	4.877	0.038	4.886	0.125	7.329	1.457	7.338	1.476	7.346	1.452	7.354	1.381
4.857	0.298	4.913	0.511	4.920	0.756	4.929	0.843	7.367	1.219	7.378	1.065	7.390	0.927	7.395	0.804
4.939	1.048	4.953	1.257	4.964	1.443	4.972	1.506	7.409	0.694	7.414	0.650	7.423	0.638	7.433	0.666
4.981	1.526	4.990	1.502	5.001	1.391	5.013	1.166	7.445	-0.713	7.455	0.765	7.466	0.689	7.475	0.610
5.023	0.953	5.038	0.803	5.051	0.681	5.066	0.562	7.483	0.570	7.491	0.546	7.500	0.590	7.510	0.625
5.080	0.487	5.094	0.444	5.106	0.424	5.119	0.452	7.521	0.759	7.530	0.936	7.545	1.086	7.557	1.185
5.130	0.519	5.142	0.618	5.150	0.693	5.161	0.704	7.570	1.240	7.582	1.263	7.597	1.324	7.614	1.326
5.172	0.681	5.184	0.586	5.194	0.464	5.206	0.270	7.629	1.333	7.640	1.282	7.651	1.195	7.663	1.080
5.216	0.049	5.225	-0.144	5.234	-0.286	5.241	-0.365	7.673	0.922	7.682	0.808	7.691	0.733	7.702	0.574
5.251	-0.377	5.264	-0.342	5.273	-0.223	5.283	-0.073	7.713	0.365	7.725	0.175	7.736	-0.046	7.744	-0.231
5.292	-0.009	5.302	-0.021	5.311	-0.002	5.321	-0.089	7.754	-0.354	7.763	-0.445	7.776	-0.500	7.789	-0.520
5.327	-0.029	5.338	-0.519	5.349	-0.638	5.358	-0.670	7.793	-0.500	7.806	-0.449	7.819	-0.394	7.829	-0.308
5.366	-0.030	5.376	-0.480	5.386	-0.224	5.400	0.033	7.840	-0.233	7.848	-0.170	7.858	-0.154	7.867	-0.162
5.410	0.211	5.419	0.289	5.425	0.329	5.433	0.345	7.876	-0.257	7.885	-0.435	7.895	-0.573	7.903	-0.747
5.440	0.325	5.454	0.270	5.464	0.234	5.473	0.147	7.915	-0.921	7.922	-1.035	7.931	-1.083	7.939	-1.067
5.489	-0.011	5.503	-0.204	5.518	-0.429	5.533	-0.595	7.950	-0.945	7.960	-0.720	7.973	-0.354	7.983	0.001
5.538	-0.634	5.549	-0.670	5.559	-0.642	5.568	-0.548	7.996	0.368	8.005	0.648	8.023	0.782	8.031	0.940
5.581	-0.441	5.590	-0.413	5.602	-0.442	5.611	-0.263	8.044	0.952	8.054	0.904	8.062	0.762	8.076	0.525
5.656	-0.186	5.663	0.171	5.674	0.076	5.685	-0.019	8.089	0.193	8.103	-0.127	8.116	-0.454	8.129	-0.826
5.698	-0.082	5.716	-0.098	5.732	-0.102	5.744	-0.157	8.139	-1.067	8.152	-1.241	8.163	-1.340	8.175	-1.403
5.755	-0.244	5.765	-0.382	5.777	-0.564	5.784	-0.698	8.184	-1.431	8.194	-1.403	8.209	-1.360	8.220	-1.388
5.792	-0.753	5.801	-0.777	5.809	-0.749	5.818	-0.627	8.236	-1.420	8.254	-1.424	8.270	-1.432	8.283	-1.409
5.831	-0.485	5.840	-0.323	5.848	-0.268	5.857	-0.260	8.299	-1.299	8.314	-1.166	8.327	-0.904	8.341	-0.668
5.866	-0.284	5.875	-0.355	5.883	-0.379	5.890	-0.394	8.354	-0.491	8.361	-0.392	8.369	-0.372	8.375	-0.404
5.902	-0.367	5.911	-0.244	5.923	-0.134	5.932	-0.083	8.388	-0.503	8.395	-0.626	8.410	-0.780	8.422	-0.922
5.943	-0.057	5.953	-0.083	5.967	-0.138	5.979	-0.158	8.438	-1.060	8.452	-1.120	8.466	-1.168	8.477	-1.184
5.990	-0.142	5.999	-0.063	6.012	0.063	6.022	0.153	8.488	-1.152	8.504	-1.050	8.516	-0.896	8.532	-0.699
6.035	0.201	6.047	0.185	6.061	0.141	6.079	0.118	8.542	-0.569	8.555	-0.458	8.566	-0.451	8.578	-0.428
6.090	0.106	6.108	0.133	6.126	0.188	6.139	0.248	8.588	-0.452	8.599	-0.515	8.607	-0.614	8.618	-0.721
6.152	0.370	6.164	0.484	6.176	0.543	6.191	0.563	8.630	-0.772	8.642	-0.764	8.651	-0.769	8.664	-0.662
6.202	0.531	6.212	0.444	6.218	0.322	6.231	0.176	8.677	-0.525	8.689	-0.359	8.704	-0.103	8.719	0.189
6.239	0.037	6.249	0.081	6.260	0.113	6.269	0.199	8.731	0.501	8.742	0.753	8.752	0.903	8.759	0.942
6.279	0.349	6.291	0.507	6.303	0.653	6.315	0.760	8.766	0.570	8.772	0.942	8.781	0.823	8.784	0.637
6.323	0.811	6.335	0.838	6.342	0.819	6.352	0.669	8.807	-0.046	8.819	-0.223	8.827	-0.136	8.835	-0.076
6.361	0.511	6.373	0.329	6.384	0.199	6.395	0.139	8.852	-0.394	8.864	-0.122	8.876	-0.150	8.886	-0.154
6.404	0.112	6.413	0.151	6.425	0.218	6.437	0.261	8.899	-0.134	8.915	-0.055	8.930	-0.064	8.946	-0.013
								8.961	0.105	8.975	0.221	8.992	0.464	9.009	0.700

9.026	0.945	9.041	1.150	9.059	1.414	9.077	1.642	12.558	-0.107	13.018	-0.154	13.046	-0.182	13.077	-0.210
9.093	1.839	9.109	2.005	9.116	2.076	9.128	2.095	13.108	-0.190	13.136	-0.068	13.156	0.015	13.179	0.149
9.136	2.063	9.146	1.992	9.160	1.537	9.172	1.873	13.200	0.335	13.240	0.236	13.276	0.465	13.303	0.363
9.186	1.849	9.196	1.778	9.208	1.667	9.220	1.537	13.330	0.236	13.360	0.134	13.381	0.114	13.408	0.035
9.232	1.312	9.248	1.035	9.262	0.754	9.276	0.596	13.436	-0.052	13.456	-0.012	13.473	-0.060	13.500	0.058
9.287	0.537	9.300	0.406	9.317	0.209	9.330	-0.005	13.521	0.145	13.546	0.184	13.577	0.121	13.603	0.117
9.344	-0.182	9.356	-0.325	9.366	-0.364	9.383	-0.349	13.636	0.133	13.654	0.109	13.680	0.085	13.709	0.045
9.401	-0.334	9.418	-0.334	9.428	-0.362	9.438	-0.465	13.728	-0.120	13.743	-0.258	13.757	-0.519	13.771	-0.776
9.454	-0.583	9.468	-0.706	9.480	-0.809	9.492	-0.892	13.791	-1.131	13.814	-1.388	13.833	-1.392	13.864	-1.415
9.501	-0.924	9.510	-0.885	9.523	-0.763	9.538	-0.573	13.901	-0.808	13.933	-0.557	13.961	-0.410	13.995	-0.142
9.556	-0.388	9.574	-0.128	9.589	0.033	9.602	0.108	14.019	-0.122	14.046	0.335	14.068	0.481	14.050	0.516
9.612	0.206	9.627	0.230	9.643	0.214	9.659	0.158	14.114	-0.112	14.135	-0.257	14.161	0.101	14.190	-0.049
9.676	0.095	9.691	-0.004	9.710	-0.127	9.720	-0.222	14.214	-0.112	14.256	-0.235	14.265	-0.326	14.307	-0.489
9.734	-0.250	9.746	-0.227	9.761	-0.144	9.779	-0.030	14.344	0.028	14.380	0.320	14.407	0.450	14.437	0.489
9.757	0.060	9.818	0.143	9.836	0.209	9.851	0.237	14.466	0.430	14.496	0.323	14.525	0.212	14.557	0.188
9.862	0.225	9.871	0.173	9.882	0.047	9.897	-0.194	14.592	0.164	14.622	0.159	14.651	0.261	14.677	0.566
9.912	-0.526	9.922	-0.763	9.930	-0.909	9.937	-0.937	14.704	0.779	14.731	1.090	14.755	1.390	14.780	1.729
9.945	-0.561	9.957	-0.910	9.969	-0.748	9.981	-0.638	14.758	1.914	14.826	2.001	14.849	2.001	14.880	1.506
9.991	-0.524	10.004	-0.465	10.015	-0.449	10.031	-0.469	14.898	1.779	14.915	1.519	14.936	1.274	14.968	0.942
10.046	-0.513	10.065	-0.493	10.083	-0.446	10.102	-0.355	14.989	0.823	15.014	0.776	15.043	0.776	15.076	0.641
10.114	-0.376	10.131	-0.372	10.150	-0.369	10.160	-0.333	15.095	0.578	15.127	0.447	15.156	0.412	15.169	0.412
10.171	-0.262	10.181	-0.239	10.192	-0.263	10.207	-0.354	15.156	0.522	15.226	0.723	15.247	0.786	15.275	0.767
10.217	-0.449	10.233	-0.555	10.243	-0.642	10.251	-0.674	15.301	0.521	15.330	0.323	15.366	0.157	15.398	0.019
10.261	-0.654	10.271	-0.664	10.286	-0.689	10.303	-0.178	15.428	0.521	15.460	-0.431	15.485	-0.566	15.508	-0.680
10.318	0.110	10.327	0.430	10.340	0.781	10.352	0.986	15.539	-0.708	15.573	-0.807	15.604	-0.879	15.633	-0.879
10.364	1.171	10.379	1.222	10.391	1.143	10.424	0.890	15.769	-1.286	15.783	-1.417	15.803	-1.535	15.818	-1.556
10.430	0.807	10.455	0.689	10.480	0.590	10.512	0.349	15.839	-1.638	15.864	-1.583	15.889	-1.508	15.913	-1.457
10.532	0.163	10.567	-0.042	10.579	-0.003	10.586	-0.129	15.937	-1.414	15.954	-1.386	15.979	-1.331	16.004	-1.252
10.612	-0.161	10.624	-0.240	10.652	-0.279	10.657	-0.224	16.025	-1.189	16.052	-1.170	16.077	-1.158	16.098	-1.142
10.682	-0.315	10.692	-0.315	10.712	-0.517	10.726	-0.726	16.126	-1.131	16.141	-1.131	16.163	-1.115	16.188	-1.127
10.737	-0.817	10.755	-0.880	10.771	-0.912	10.787	-0.793	16.204	-1.135	16.231	-1.163	16.259	-1.222	16.284	-1.254
10.801	-0.616	10.817	-0.387	10.837	-0.056	10.856	0.288	16.304	-1.329	16.332	-1.215	16.349	-1.105	16.363	-1.041
10.881	0.548	10.910	0.706	10.942	0.603	10.971	0.469	16.382	-0.859	16.407	-0.773	16.444	-0.639	16.471	-0.624
10.992	0.453	11.022	0.568	11.040	0.670	11.064	0.544	16.461	-0.604	16.532	-0.513	16.568	-0.312	16.586	-0.266
11.079	0.331	11.094	0.126	11.105	-0.056	11.116	-0.233	16.597	0.177	16.720	0.315	16.742	0.461	16.763	0.559
11.145	-0.360	11.161	-0.198	11.174	-0.083	11.192	0.122	16.784	0.749	16.807	0.879	16.836	1.017	16.862	1.076
11.204	0.259	11.221	0.422	11.244	0.402	11.273	0.205	16.882	1.131	16.906	1.237	16.926	1.379	16.953	1.569
11.288	0.019	11.309	0.003	11.325	0.063	11.340	0.236	16.992	1.754	17.013	1.761	17.032	1.781	17.041	1.734
11.407	1.543	11.419	1.562	11.426	1.543	11.440	1.349	17.091	1.650	17.120	1.567	17.149	1.520	17.170	1.480
11.455	1.207	11.482	0.907	11.501	0.706	11.534	0.591	17.197	1.413	17.232	1.239	17.257	1.239	17.285	1.175
11.574	0.714	11.593	0.702	11.620	0.749	11.643	0.852	17.317	1.167	17.349	1.151	17.398	1.123	17.428	1.048
11.668	0.864	11.701	0.682	11.727	0.430	11.750	0.307	17.453	0.976	17.486	0.893	17.510	0.830	17.536	0.754
11.779	-0.195	11.804	-1.279	11.820	-0.229	11.842	-0.620	17.559	0.679	17.591	0.556	17.614	0.536	17.643	0.500
11.858	-0.975	11.874	-1.279	11.880	-1.433	11.899	-1.548	17.758	-0.477	17.773	-0.215	17.792	-0.346	17.812	-0.433
11.929	-1.252	11.957	-0.829	11.979	-0.486	11.992	-0.237	17.846	-0.540	17.880	-0.659	17.912	-0.770	17.938	-0.829
12.015	-0.008	12.037	0.106	12.066	0.070	12.092	0.007	17.959	-0.849	18.008	-0.861	18.038	-1.024	18.068	-1.024
12.119	-0.123	12.149	-0.383	12.175	-0.723	12.197	-0.991	18.059	-1.099	18.104	-1.131	18.143	-1.021	18.160	-0.962
12.219	-1.256	12.238	-1.528	12.263	-1.710	12.281	-1.713	18.187	-1.099	18.229	-1.031	18.267	-1.057	18.296	-1.149
12.320	-1.556	12.341	-1.358	12.351	-1.386	12.379	-1.003	18.323	-1.145	18.356	-1.126	18.392	-1.123	18.433	-1.111
12.406	-0.703	12.427	-0.549	12.438	-0.478	12.463	-0.454	18.459	-1.175	18.502	-1.203	18.534	-1.052	18.560	-0.974
12.484	-0.478	12.511	-0.454	12.537	-0.340	12.573	-0.115	18.589	-0.876	18.632	-0.762	18.673	-0.648	18.704	-0.609
12.612	0.070	12.636	0.074	12.653	0.043	12.676	-0.111	18.737	-0.538	18.766	-0.467	18.780	-0.424	18.797	-0.424
12.700	-0.249	12.713	-0.304	12.734	-0.304	12.765	-0.135	18.827	-0.416	18.851	-0.258	18.880	-0.180	18.927	-0.204
12.792	0.078	12.820	0.220	12.847	0.339	12.870	0.461								
12.855	0.540	12.912	0.489	12.946	0.213	12.970	0.035								

18.947	-0.196	18.974	-0.197	19.001	-0.086	19.031	0.059	23.540	-0.284	23.557	-0.217	23.579	-0.149	23.594	-0.094
19.053	0.170	19.083	0.217	19.120	0.335	19.149	0.449	23.568	-0.027	23.625	0.068	23.636	0.143	23.653	0.214
19.181	0.575	19.197	0.599	19.223	0.705	19.249	0.808	23.667	0.301	23.684	0.376	23.703	0.432	23.727	0.432
19.276	0.870	19.296	0.862	19.325	0.898	19.341	0.933	23.746	0.432	23.763	0.456	23.779	0.479	23.794	0.495
19.366	1.051	19.391	1.225	19.424	1.402	19.450	1.418	23.812	0.531	23.828	0.550	23.845	0.653	23.864	0.717
19.476	1.350	19.504	1.287	19.529	1.267	19.556	1.278	23.879	0.788	23.894	0.839	23.918	0.878	23.941	0.890
19.588	1.294	19.613	1.254	19.638	1.214	19.670	1.084	23.959	0.890	23.979	0.850	23.998	0.886	24.019	0.881
19.655	0.993	19.729	0.957	19.764	0.917	19.810	0.818	24.031	0.866	24.050	0.854	24.067	0.897	24.082	0.964
19.837	0.735	19.868	0.660	19.896	0.569	19.930	0.505	24.097	1.003	24.113	1.074	24.127	1.125	24.140	1.180
19.971	0.449	20.010	0.449	20.027	0.449	20.052	0.425	24.154	1.220	24.170	1.224	24.186	1.239	24.204	1.208
20.080	0.318	20.100	0.227	20.117	0.144	20.148	0.072	24.221	1.144	24.233	1.061	24.249	0.990	24.268	0.899
20.179	0.005	20.214	-0.075	20.249	-0.154	20.280	-0.241	24.285	0.820	24.303	0.745	24.323	0.678	24.347	0.606
20.304	-0.324	20.337	-0.483	20.354	-0.617	20.377	-0.759	24.352	0.546	24.371	0.459	24.391	0.386	24.418	0.291
20.398	-0.894	20.421	-0.969	20.442	-0.969	20.476	-0.930	24.452	0.487	24.474	0.459	24.491	0.518	24.506	0.554
20.506	-0.907	20.538	-0.975	20.557	-1.066	20.590	-1.181	24.526	0.546	24.541	0.526	24.560	0.514	24.587	0.474
20.627	-1.213	20.661	-1.237	20.694	-1.312	20.732	-1.380	24.607	0.442	24.623	0.434	24.638	0.394	24.654	0.351
20.757	-1.380	20.795	-1.298	20.820	-1.188	20.849	-1.113	24.669	0.272	24.683	0.113	24.701	0.118	24.716	0.023
20.883	-1.078	20.915	-1.047	20.944	-1.004	20.967	-1.012	24.738	-0.056	24.753	-0.132	24.774	-0.191	24.792	-0.254
20.993	-0.993	21.021	-0.911	21.049	-0.840	21.072	-0.789	24.813	-0.302	24.833	-0.330	24.853	-0.417	24.872	-0.496
21.090	-0.738	21.104	-0.679	21.116	-0.612	21.126	-0.553	24.889	-0.579	24.908	-0.626	24.926	-0.710	24.947	-0.769
21.133	-0.522	21.139	-0.490	21.143	-0.470	21.158	-0.443	24.967	-0.801	24.995	-0.825	25.016	-0.801	25.039	-0.797
21.158	-0.400	21.171	-0.388	21.184	-0.384	21.199	-0.373	25.060	-0.798	25.077	-0.802	25.099	-0.758	25.123	-0.614
21.213	-0.377	21.226	-0.385	21.241	-0.373	21.253	-0.326	25.143	-0.826	25.163	-0.870	25.182	-0.909	25.199	-0.921
21.264	-0.279	21.279	-0.212	21.292	-0.157	21.303	-0.082	25.217	-0.933	25.235	-0.953	25.252	-0.965	25.273	-0.969
21.316	-0.019	21.331	0.063	21.344	0.134	21.355	0.197	25.294	-0.871	25.333	-0.741	25.358	-0.674	25.383	-0.607
21.368	0.244	21.380	0.287	21.396	0.327	21.410	0.350								
21.426	0.366	21.442	0.381	21.455	0.381	21.468	0.396								
21.483	0.420	21.501	0.471	21.514	0.518	21.532	0.566								
21.545	0.635	21.559	0.647	21.572	0.659	21.589	0.674								
21.608	0.744	21.623	0.689	21.636	0.736	21.656	0.744								
21.671	0.744	21.688	0.755	21.705	0.767	21.721	0.794								
21.741	0.841	21.762	0.884	21.775	0.927	21.787	0.958								
21.801	1.013	21.815	1.056	21.826	1.100	21.837	1.155								
21.850	1.206	21.867	1.257	21.881	1.308	21.900	1.371								
21.921	1.378	21.942	1.374	21.960	1.369	21.978	1.310								
22.002	1.298	22.023	1.274	22.039	1.261	22.058	1.194								
22.084	1.103	22.098	1.039	22.119	0.956	22.141	0.845								
22.161	0.730	22.176	0.647	22.200	0.580	22.219	0.493								
22.242	0.357	22.261	0.334	22.277	0.271	22.291	0.207								
22.307	0.140	22.327	0.088	22.345	0.064	22.363	0.103								
22.382	0.146	22.400	0.182	22.419	0.201	22.438	0.193								
22.459	0.142	22.481	0.055	22.502	0.019	22.521	-0.036								
22.540	-0.115	22.555	-0.178	22.571	-0.226	22.589	-0.273								
22.617	-0.368	22.625	-0.463	22.643	-0.526	22.659	-0.589								
22.678	-0.641	22.700	-0.672	22.716	-0.680	22.732	-0.684								
22.749	-0.677	22.768	-0.669	22.784	-0.665	22.802	-0.689								
22.816	-0.756	22.833	-0.819	22.850	-0.863	22.868	-0.930								
22.883	-1.025	22.904	-1.056	22.928	-1.127	22.946	-1.171								
22.963	-1.190	22.982	-1.265	22.998	-1.285	23.025	-1.300								
23.043	-1.320	23.064	-1.344	23.081	-1.391	23.102	-1.434								
23.116	-1.391	23.138	-1.268	23.155	-1.146	23.169	-1.020								
23.183	-0.905	23.199	-0.806	23.214	-0.727	23.234	-0.648								
23.243	-0.629	23.260	-0.573	23.282	-0.514	23.305	-0.502								
23.324	-0.455	23.346	-0.415	23.366	-0.387	23.385	-0.368								
23.406	-0.340	23.428	-0.320	23.445	-0.324	23.469	-0.339								
23.463	-0.347	23.494	-0.347	23.510	-0.359	23.524	-0.331								

INI 94

71.131 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. ROOF

1245 POINTS 25.385 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.4533 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.009	0.021	0.035	0.034	0.039	0.055	0.057	3.020	0.012	3.049	0.046	3.068	0.027	3.050	0.049
0.076	0.083	0.091	0.094	0.104	0.109	0.122	0.120	3.113	0.056	3.135	0.078	3.154	0.101	3.150	0.145
0.144	0.120	0.159	0.109	0.177	0.083	0.196	0.061	3.219	0.130	3.238	0.130	3.263	0.122	3.296	0.044
0.216	0.057	0.236	0.046	0.251	0.042	0.268	0.053	3.321	-0.008	3.345	-0.001	3.376	0.028	3.389	0.065
0.286	0.075	0.304	0.101	0.324	0.123	0.339	0.119	3.402	0.065	3.421	0.154	3.428	0.158	3.441	0.210
0.358	0.112	0.370	0.101	0.384	0.078	0.397	0.056	3.451	0.180	3.474	0.217	3.486	0.217	3.496	0.228
0.408	0.045	0.420	0.000	0.432	-0.015	0.449	-0.037	3.515	0.158	3.529	0.161	3.555	0.076	3.581	0.053
0.469	-0.037	0.486	0.011	0.501	0.063	0.517	0.123	3.598	0.016	3.620	0.086	3.639	0.175	3.662	0.220
0.530	0.148	0.544	0.152	0.554	0.148	0.567	0.122	3.687	0.153	3.717	0.127	3.724	0.082	3.750	0.075
0.577	0.093	0.592	0.085	0.611	0.078	0.621	0.078	3.763	0.071	3.777	0.066	3.799	0.011	3.819	0.063
0.642	0.081	0.655	0.059	0.668	0.033	0.688	0.014	3.838	-0.086	3.854	-0.062	3.883	-0.112	3.901	-0.127
0.701	0.010	0.718	0.051	0.735	0.099	0.762	0.140	3.923	-0.090	3.945	-0.068	3.959	-0.064	3.975	-0.020
0.778	0.118	0.792	0.088	0.807	0.055	0.824	0.040	4.000	0.017	4.025	-0.009	4.049	0.013	4.064	0.017
0.849	0.047	0.875	0.051	0.892	0.032	0.917	0.006	4.088	0.069	4.111	0.065	4.143	0.057	4.163	0.072
0.940	0.013	0.960	0.024	0.980	0.061	1.009	0.072	4.186	0.016	4.205	-0.044	4.215	-0.048	4.245	0.012
1.028	0.076	1.043	0.072	1.059	0.064	1.079	0.097	4.268	0.104	4.285	0.119	4.313	0.037	4.334	-0.108
1.056	0.146	1.111	0.149	1.125	0.134	1.144	0.134	4.352	-0.190	4.372	-0.212	4.387	-0.160	4.413	-0.094
1.170	0.086	1.192	0.048	1.221	0.026	1.242	0.018	4.422	-0.082	4.435	-0.008	4.453	0.058	4.469	0.077
1.255	0.018	1.290	0.051	1.312	0.070	1.334	0.077	4.457	0.229	4.528	0.478	4.557	0.541	4.577	0.548
1.356	0.099	1.372	0.080	1.391	0.036	1.407	0.013	4.604	0.581	4.650	0.556	4.676	0.503	4.701	0.436
1.426	-0.016	1.446	0.021	1.462	0.065	1.480	0.076	4.723	0.439	4.741	0.435	4.759	0.353	4.782	0.208
1.491	0.034	1.509	0.039	1.526	-0.002	1.549	-0.002	4.805	0.022	4.808	-0.056	4.834	-0.193	4.854	-0.275
1.584	-0.013	1.583	-0.010	1.601	0.031	1.619	0.065	4.870	-0.372	4.893	-0.354	4.924	-0.394	4.942	-0.454
1.641	0.072	1.664	0.072	1.691	0.094	1.709	0.061	4.943	-0.454	4.983	-0.588	4.985	-0.818	5.002	-0.874
1.726	0.038	1.750	0.046	0.031	0.031	1.792	0.061	5.020	0.725	5.035	-0.365	5.060	-0.075	5.082	-0.075
1.805	0.027	1.817	0.023	1.836	0.015	1.859	0.038	5.101	-0.202	5.120	-0.209	5.136	-0.046	5.159	0.188
1.882	0.056	1.911	0.045	1.936	0.071	1.955	0.082	5.169	0.385	5.184	0.456	5.200	0.355	5.210	0.268
1.974	0.067	1.988	0.071	2.008	0.108	2.027	0.108	5.222	0.003	5.247	-0.209	5.269	0.014	5.287	0.314
2.042	0.052	2.052	0.015	2.075	0.019	2.092	0.030	5.299	0.541	5.315	0.563	5.332	0.303	5.341	0.184
2.110	0.064	2.134	0.153	2.160	0.179	2.181	0.138	5.347	0.051	5.365	-0.217	5.380	-0.213	5.391	-0.131
2.195	0.086	2.214	0.041	2.238	0.067	2.254	0.104	5.410	0.058	5.426	0.177	5.443	0.180	5.454	0.195
2.274	0.179	2.297	0.212	2.316	0.168	2.337	0.108	5.476	0.102	5.505	0.066	5.527	0.084	5.549	0.262
2.364	0.060	2.386	0.012	2.401	-0.007	2.422	0.019	5.568	0.355	5.590	0.318	5.606	0.173	5.621	0.080
2.438	0.056	2.445	0.052	2.464	0.086	2.487	0.100	5.639	0.221	5.658	0.451	5.683	0.644	5.710	0.501
2.508	0.085	2.529	0.048	2.549	0.041	2.561	0.041	5.731	0.429	5.762	0.567	5.787	0.652	5.814	0.477
2.579	0.004	2.594	-0.004	2.616	-0.026	2.640	-0.015	5.831	0.453	5.858	0.239	5.881	-0.017	5.906	-0.025
2.661	-0.015	2.681	-0.019	2.713	-0.042	2.735	-0.057	5.927	0.233	5.949	0.020	5.977	-0.099	5.991	-0.137
2.754	-0.020	2.787	0.021	2.814	0.025	2.833	0.028	6.006	-0.035	6.015	-0.257	6.037	-0.430	6.058	-0.490
2.854	0.036	2.875	0.032	2.895	0.032	2.918	0.013	6.090	-0.316	6.137	-0.078	6.137	-0.026	6.157	-0.066
2.938	-0.065	2.951	-0.054	2.975	-0.069	2.998	-0.028	6.150	-0.602	6.204	-0.806	6.216	-0.851	6.238	-0.695

6.265	-0.339	6.293	0.085	6.314	0.389	6.333	0.497	10.851	-1.181	10.912	-1.218	10.934	-1.181	10.954	-1.092
6.346	0.389	6.371	-0.020	6.390	-0.373	6.400	-0.403	10.968	-1.058	10.982	-0.751	11.002	-0.646	11.018	-0.408
6.421	-0.351	6.434	-0.288	6.463	-0.377	6.478	-0.448	11.034	-0.263	11.052	-0.115	11.075	-0.019	11.101	-0.246
6.491	-0.423	6.516	-0.423	6.536	-0.471	6.562	-0.341	11.127	0.387	11.139	0.472	11.149	0.550	11.171	0.535
6.578	-0.230	6.596	-0.100	6.622	-0.097	6.647	-0.138	11.191	0.409	11.213	0.279	11.240	0.557	11.262	0.075
6.665	-0.108	6.692	0.088	6.716	0.184	6.732	0.177	11.282	0.071	11.301	-0.014	11.328	-0.412	11.341	-0.174
6.754	0.266	6.771	0.388	6.786	0.641	6.797	0.882	11.353	-0.319	11.382	-0.423	11.406	-0.412	11.435	-0.293
6.817	1.130	6.829	1.201	6.860	1.043	6.895	0.892	11.455	-0.182	11.475	-0.048	11.495	0.082	11.517	0.227
6.913	0.884	6.927	0.888	6.958	0.999	6.976	0.572	11.541	0.331	11.565	0.368	11.587	0.346	11.618	0.223
6.994	0.580	7.018	0.883	7.046	0.604	7.061	0.459	11.634	0.145	11.656	0.119	11.681	0.182	11.713	0.283
7.070	0.313	7.092	0.265	7.108	0.328	7.121	0.350	11.748	0.387	11.777	0.472	11.801	0.535	11.815	0.621
7.146	0.532	7.165	0.609	7.185	0.650	7.202	0.650	11.848	0.606	11.875	0.556	11.902	0.516	11.935	0.524
7.232	0.601	7.255	0.348	7.270	0.184	7.288	0.035	11.967	-0.205	12.003	0.053	12.021	-0.074	12.043	-0.345
7.304	-0.113	7.320	-0.177	7.357	-0.033	7.377	-0.129	12.069	-0.542	12.104	-0.538	12.141	-0.523	12.170	-0.378
7.356	-0.397	7.415	-0.702	7.427	-0.884	7.439	-1.022	12.158	-0.111	12.226	0.150	12.251	0.454	12.271	0.639
7.451	-1.044	7.466	-1.134	7.488	-1.089	7.517	-1.008	12.256	0.699	12.319	0.639	12.337	0.506	12.373	0.420
7.527	-0.919	7.554	-0.838	7.583	-0.879	7.594	-0.935	12.351	0.305	12.418	0.309	12.433	0.186	12.452	0.142
7.617	-0.894	7.636	-0.954	7.655	-1.018	7.679	-1.141	12.479	0.067	12.502	0.066	12.528	0.067	12.560	0.034
7.706	-0.970	7.738	-0.722	7.760	-0.722	7.776	-0.722	12.590	-0.044	12.616	-0.156	12.651	-0.159	12.674	-0.096
7.800	-0.607	7.827	-0.355	7.863	-0.010	7.902	0.331	12.658	-0.044	12.730	0.004	12.759	0.101	12.777	0.138
7.941	0.549	7.968	0.441	7.993	0.322	8.006	0.125	12.799	0.138	12.838	0.086	12.875	0.084	12.913	0.101
8.017	0.039	8.033	-0.188	8.042	-0.322	8.059	-0.444	12.944	0.186	12.977	0.212	13.007	0.090	13.043	-0.063
8.084	-0.445	8.107	-0.248	8.131	0.126	8.155	0.434	13.075	-0.170	13.103	-0.323	13.136	-0.475	13.162	-0.572
8.174	0.453	8.192	0.359	8.214	0.326	8.236	0.448	13.188	-0.679	13.218	-0.824	13.243	-0.921	13.264	-0.925
8.257	0.414	8.273	0.313	8.284	0.198	8.313	0.146	13.267	-0.687	13.312	-0.663	13.345	-0.445	13.381	-0.274
8.333	0.223	8.352	0.442	8.384	0.899	8.406	1.173	13.405	-0.163	13.436	0.011	13.465	0.141	13.486	0.253
8.415	1.229	8.428	1.184	8.439	0.587	8.454	0.756	13.522	0.227	13.554	0.100	13.577	-0.037	13.605	-0.231
8.472	0.462	8.484	0.351	8.504	0.321	8.513	0.280	13.636	-0.301	13.677	-0.216	13.716	0.070	13.751	-0.205
8.530	0.339	8.543	0.283	8.561	0.230	8.581	0.200	13.781	-0.187	13.814	-0.061	13.844	0.170	13.858	0.333
8.566	0.274	8.631	0.262	8.651	0.251	8.684	0.380	14.160	0.724	14.201	0.635	14.244	0.586	14.278	0.430
8.700	0.525	8.728	0.677	8.753	0.747	8.774	0.839	14.326	0.173	14.379	0.079	14.426	0.006	14.474	-0.074
8.755	0.887	8.820	0.801	8.842	0.559	8.876	0.251	14.527	-0.245	14.568	-0.279	14.615	-0.316	14.666	-0.362
8.889	0.128	8.904	0.064	8.944	0.264	8.970	0.427	14.656	-0.392	14.736	-0.462	14.775	-0.526	14.808	-0.545
8.951	0.468	9.008	0.423	9.034	0.259	9.064	-0.039	14.847	-0.690	14.878	-0.806	14.924	-0.936	14.965	-0.959
9.100	-0.255	9.141	-0.375	9.174	-0.502	9.197	-0.695	15.008	-0.974	15.055	-0.777	15.090	-0.748	15.125	-0.666
9.217	-0.948	9.239	-1.223	9.260	-1.514	9.283	-1.574	15.163	-0.555	15.201	-0.555	15.242	-0.526	15.284	-0.378
9.306	-1.514	9.337	-1.415	9.359	-1.233	9.382	-1.152	15.323	-0.311	15.357	-0.193	15.400	0.030	15.429	0.141
9.402	-0.955	9.425	-0.822	9.457	-0.722	9.486	-0.805	15.469	0.148	15.502	0.144	15.533	0.252	15.576	0.330
9.505	-0.902	9.535	-0.902	9.565	-0.799	9.595	-0.792	15.617	0.467	15.656	0.630	15.681	0.685	15.702	0.852
9.625	-0.541	9.652	-1.124	9.677	-1.195	9.715	-1.281	15.741	0.544	15.765	0.510	15.794	0.584	15.827	0.736
9.741	-1.352	9.761	-1.308	9.787	-1.101	9.810	-0.897	15.849	0.896	15.876	1.026	15.896	1.085	15.916	1.085
9.839	-0.712	9.873	-0.508	9.910	-0.245	9.928	-0.045	16.008	0.787	16.024	0.665	16.037	0.575	16.051	0.482
9.946	0.204	9.964	0.586	9.977	0.568	9.983	1.058	16.066	0.375	16.080	0.300	16.095	0.207	16.112	0.151
9.990	1.351	10.000	1.629	10.007	1.800	10.027	1.926	16.120	0.056	16.136	0.044	16.148	0.021	16.165	-0.001
10.047	1.855	10.065	1.795	10.077	1.676	10.087	1.695	16.179	-0.005	16.194	-0.020	16.209	-0.050	16.222	-0.068
10.116	1.601	10.139	1.475	10.170	1.352	10.176	1.296	16.241	-0.109	16.257	-0.158	16.274	-0.210	16.289	-0.251
10.193	1.256	10.206	1.173	10.219	1.057	10.234	1.076	16.307	-0.292	16.331	-0.252	16.348	-0.218	16.361	-0.155
10.250	1.116	10.267	1.086	10.281	1.057	10.309	1.089	16.371	-0.110	16.393	-0.073	16.413	-0.036	16.431	-0.001
10.324	1.059	10.342	0.940	10.367	0.735	10.386	0.594	16.456	0.009	16.477	0.006	16.495	-0.096	16.514	-0.174
10.406	0.527	10.429	0.501	10.449	0.493	10.476	0.361	16.535	-0.252	16.553	-0.300	16.580	-0.304	16.601	-0.285
10.513	0.229	10.539	0.158	10.564	0.125	10.581	0.093	16.625	-0.274	16.647	-0.282	16.668	-0.301	16.687	-0.308
10.603	0.110	10.619	0.195	10.632	0.106	10.654	0.191	16.700	-0.312	16.718	-0.319	16.735	-0.312	16.748	-0.312
10.673	0.094	10.682	0.013	10.658	-0.013	10.716	-0.073	16.765	-0.331	16.781	-0.338	16.793	-0.338	16.808	-0.361
10.733	-0.036	10.743	-0.006	10.755	0.016	10.773	-0.032								
10.789	-0.133	10.801	-0.166	10.812	-0.319	10.821	-0.419								
10.838	-0.623	10.851	-0.843	10.866	-1.006	10.879	-1.110								



16.821	-0.368	16.834	-0.375	16.848	-0.424	16.862	-0.439	20.514	-0.095	20.526	-0.117	20.548	-0.125	20.564	-0.151
16.879	-0.476	16.898	-0.513	16.913	-0.532	16.929	-0.554	20.583	-0.163	20.600	-0.182	20.615	-0.223	20.634	-0.249
16.949	-0.554	16.968	-0.563	16.986	-0.477	17.004	-0.395	20.651	-0.283	20.671	-0.320	20.685	-0.361	20.705	-0.384
17.029	-0.332	17.053	-0.336	17.077	-0.314	17.090	-0.299	20.731	-0.402	20.744	-0.406	20.769	-0.403	20.787	-0.407
17.110	-0.232	17.125	-0.195	17.141	-0.103	17.156	-0.069	20.824	-0.422	20.845	-0.437	20.860	-0.456	20.882	-0.494
17.172	-0.005	17.184	0.046	17.199	0.090	17.214	0.101	20.900	-0.512	20.915	-0.520	20.930	-0.520	20.941	-0.513
17.232	0.057	17.249	0.082	17.264	0.052	17.276	0.030	20.960	-0.467	20.985	-0.436	21.002	-0.395	21.021	-0.366
17.289	-0.015	17.308	-0.026	17.321	-0.048	17.336	-0.063	21.034	-0.355	21.052	-0.336	21.067	-0.333	21.080	-0.311
17.355	-0.030	17.369	0.014	17.381	0.048	17.401	0.111	21.059	-0.285	21.123	-0.244	21.142	-0.196	21.160	-0.152
17.415	0.144	17.429	0.203	17.441	0.268	17.458	0.277	21.177	-0.123	21.194	-0.057	21.203	-0.086	21.218	-0.064
17.476	0.292	17.486	0.303	17.501	0.314	17.519	0.332	21.228	-0.064	21.243	-0.075	21.259	-0.061	21.274	-0.054
17.532	0.340	17.548	0.339	17.564	0.343	17.578	0.350	21.287	-0.039	21.311	-0.006	21.329	0.020	21.339	0.031
17.594	0.358	17.607	0.365	17.623	0.406	17.632	0.435	21.349	0.053	21.359	0.068	21.376	0.068	21.389	0.064
17.648	0.454	17.664	0.472	17.680	0.509	17.694	0.527	21.402	0.052	21.425	0.022	21.441	0.007	21.454	-0.008
17.709	0.546	17.724	0.557	17.740	0.564	17.756	0.612	21.466	0.006	21.483	0.010	21.495	0.021	21.517	0.020
17.770	0.630	17.787	0.653	17.799	0.638	17.819	0.622	21.523	0.031	21.542	0.042	21.564	0.060	21.578	0.090
17.841	0.604	17.865	0.585	17.883	0.577	17.902	0.562	21.593	0.112	21.611	0.145	21.625	0.160	21.639	0.170
17.985	0.505	17.998	0.573	18.010	0.461	18.026	0.453	21.658	0.174	21.677	0.159	21.685	0.151	21.698	0.143
18.040	0.460	18.051	0.479	18.065	0.493	18.082	0.504	21.710	0.128	21.728	0.120	21.748	0.120	21.765	0.131
18.098	0.489	18.113	0.452	18.128	0.389	18.142	0.314	21.781	0.145	21.803	0.171	21.819	0.189	21.837	0.204
18.155	0.266	18.177	0.262	18.178	0.240	18.156	0.195	21.844	0.259	21.860	0.229	21.867	0.248	21.880	0.248
18.212	0.161	18.230	0.113	18.249	0.035	18.265	-0.021	21.893	0.259	21.902	0.251	21.911	0.240	21.929	0.232
18.284	-0.081	18.302	-0.122	18.318	-0.174	18.335	-0.267	21.941	0.221	21.957	0.183	21.971	0.161	21.989	0.138
18.350	-0.323	18.369	-0.394	18.386	-0.431	18.405	-0.454	22.006	-0.001	22.020	-0.008	22.038	-0.056	22.055	-0.018
18.421	-0.473	18.445	-0.473	18.464	-0.469	18.483	-0.481	22.112	-0.055	22.132	-0.076	22.150	-0.076	22.169	-0.095
18.502	-0.499	18.521	-0.496	18.537	-0.492	18.556	-0.511	22.194	-0.107	22.215	-0.111	22.231	-0.104	22.255	-0.089
18.572	-0.530	18.589	-0.541	18.609	-0.582	18.629	-0.612	22.278	-0.078	22.299	-0.075	22.329	-0.068	22.357	-0.061
18.646	-0.631	18.666	-0.653	18.688	-0.676	18.705	-0.687	22.388	-0.062	22.411	-0.073	22.436	-0.092	22.470	-0.140
18.722	-0.706	18.742	-0.717	18.761	-0.728	18.783	-0.762	22.502	-0.166	22.528	-0.207	22.556	-0.248	22.586	-0.301
18.801	-0.755	18.820	-0.773	18.831	-0.852	18.852	-0.874	22.602	-0.349	22.635	-0.390	22.655	-0.416	22.680	-0.435
18.870	-0.882	18.886	-0.867	18.897	-0.793	18.914	-0.756	22.667	-0.439	22.680	-0.427	22.701	-0.413	22.718	-0.372
18.930	-0.711	18.943	-0.652	18.956	-0.622	18.970	-0.578	22.743	-0.309	22.757	-0.272	22.775	-0.261	22.790	-0.235
18.982	-0.548	18.996	-0.533	19.009	-0.537	19.023	-0.534	22.807	-0.228	22.828	-0.205	22.847	-0.194	22.865	-0.180
19.040	-0.511	19.059	-0.497	19.075	-0.486	19.093	-0.475	22.888	-0.180	22.916	-0.176	22.953	-0.165	22.985	-0.153
19.106	-0.460	19.117	-0.430	19.131	-0.416	19.150	-0.375	23.005	-0.131	23.024	-0.109	23.046	-0.064	23.058	-0.038
19.165	-0.368	19.182	-0.330	19.197	-0.286	19.217	-0.249	23.067	-0.019	23.083	-0.012	23.097	-0.012	23.106	-0.027
19.232	-0.201	19.250	-0.123	19.267	-0.067	19.288	-0.027	23.133	-0.075	23.150	-0.053	23.165	-0.116	23.186	-0.123
19.308	-0.001	19.323	0.029	19.340	0.047	19.358	0.069	23.208	-0.112	23.229	-0.053	23.248	-0.067	23.261	-0.037
19.376	0.092	19.394	0.117	19.413	0.165	19.432	0.169	23.274	-0.030	23.294	-0.044	23.309	-0.015	23.330	-0.026
19.451	0.169	19.466	0.176	19.484	0.176	19.497	0.180	23.354	-0.041	23.371	-0.044	23.390	-0.048	23.412	-0.037
19.510	0.213	19.527	0.239	19.546	0.250	19.562	0.257	23.435	-0.003	23.452	0.023	23.466	0.064	23.489	0.124
19.577	0.261	19.596	0.246	19.611	0.231	19.628	0.268	23.507	0.179	23.525	0.158	23.539	0.232	23.553	0.232
19.643	0.290	19.661	0.319	19.679	0.371	19.692	0.416	23.572	0.258	23.566	0.250	23.603	0.254	23.625	0.251
19.704	0.464	19.718	0.501	19.731	0.549	19.747	0.590	23.652	0.228	23.680	0.217	23.709	0.221	23.737	0.207
19.765	0.593	19.783	0.600	19.798	0.604	19.821	0.559	23.761	0.210	23.776	0.232	23.800	0.229	23.818	0.237
19.836	0.574	19.852	0.555	19.870	0.514	19.891	0.503	23.838	0.237	23.860	0.230	23.888	0.207	23.921	0.155
19.909	0.465	19.928	0.491	19.945	0.536	19.958	0.539	23.951	0.133	23.970	0.110	23.987	0.103	24.018	0.062
19.981	0.543	20.003	0.528	20.025	0.472	20.038	0.431	24.048	0.013	24.073	-0.002	24.095	-0.013	24.117	-0.021
20.053	0.378	20.069	0.341	20.084	0.304	20.103	0.259	24.142	-0.021	24.160	-0.040	24.190	-0.055	24.207	-0.081
20.118	0.222	20.133	0.214	20.149	0.214	20.159	0.221	24.224	-0.088	24.252	-0.111	24.274	-0.145	24.295	-0.167
20.174	0.228	20.189	0.228	20.201	0.243	20.219	0.243	24.315	-0.189	24.338	-0.157	24.366	-0.205	24.390	-0.212
20.241	0.235	20.257	0.202	20.280	0.157	20.293	0.134	24.413	-0.212	24.433	-0.158	24.464	-0.191	24.486	-0.187
20.308	0.678	20.328	0.052	20.344	0.015	20.362	-0.030	24.506	-0.195	24.533	-0.159	24.550	-0.217	24.573	-0.251
20.383	-0.045	20.401	-0.060	20.419	-0.042	20.432	-0.031	24.601	-0.296	24.616	-0.300	24.639	-0.311	24.661	-0.319
20.449	-0.020	20.463	-0.035	20.483	-0.057	20.500	-0.076	24.680	-0.341	24.702	-0.360	24.720	-0.368	24.740	-0.368

24.762	-0.368	24.773	-0.372	24.793	-0.383	24.809	-0.409
24.825	-0.432	24.840	-0.443	24.858	-0.436	24.875	-0.440
24.891	-0.429	24.917	-0.384	24.938	-0.329	24.956	-0.314
24.976	-0.303	25.000	-0.300	25.022	-0.300	25.041	-0.304
25.062	-0.311	25.080	-0.319	25.104	-0.368	25.128	-0.264
25.151	-0.193	25.180	-0.138	25.200	-0.119	25.219	-0.101
25.239	-0.086	25.261	-0.094	25.304	-0.106	25.346	-0.125
25.385	-0.121						

2295 POINTS	25.346 SECONDS
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SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2655 G/10.

[illegible]

2.914	0.439	2.923	0.323	2.930	0.207	2.939	0.223	4.814	-0.206	4.819	-0.082	4.826	0.041	4.839	0.149
2.949	0.155	2.959	0.111	2.967	-0.080	2.972	-0.224	4.846	0.293	4.853	0.476	4.864	0.512	4.870	0.568
2.980	-0.284	2.987	-0.384	2.995	-0.424	3.003	-0.364	4.878	0.583	4.881	0.515	4.897	0.500	4.903	0.336
3.009	-0.236	3.020	-0.077	3.031	0.103	3.039	0.202	4.916	-0.115	4.920	-0.298	4.927	-0.434	4.932	-0.434
3.045	0.238	3.051	0.150	3.055	0.078	3.062	-0.117	4.933	-0.478	4.945	-0.490	4.961	-0.454	4.965	-0.486
3.071	-0.257	3.078	-0.297	3.082	-0.313	3.089	-0.285	4.979	-0.669	4.990	-0.713	5.001	-0.649	5.012	-0.438
3.096	-0.195	3.104	0.018	3.110	0.020	3.124	0.237	5.018	-0.318	5.025	-0.151	5.042	-0.091	5.051	-0.091
3.134	0.037	3.142	0.150	3.150	0.022	3.157	-0.062	5.058	-0.127	5.066	-0.171	5.081	-0.107	5.088	-0.007
3.164	-0.054	3.170	-0.058	3.177	0.129	3.184	0.281	5.095	0.204	5.103	0.392	5.107	0.455	5.114	0.471
3.192	0.341	3.201	0.281	3.212	0.157	3.222	0.065	5.120	0.447	5.130	0.256	5.138	-0.083	5.146	-0.283
3.234	-0.142	3.241	-0.334	3.250	-0.366	3.259	-0.322	5.151	-0.314	5.155	-0.350	5.165	-0.311	5.173	-0.255
3.270	-0.131	3.283	0.208	3.296	0.587	3.304	0.918	5.184	-0.362	5.191	-0.263	5.200	-0.027	5.211	0.216
3.314	1.042	3.318	1.026	3.329	0.794	3.336	0.603	5.222	0.391	5.226	0.519	5.232	0.535	5.238	0.443
3.342	0.459	3.348	0.371	3.357	0.283	3.368	0.236	5.247	0.343	5.259	0.419	5.265	0.359	5.274	0.116
3.379	0.200	3.386	0.104	3.392	-0.148	3.399	-0.343	5.275	-0.032	5.281	-0.064	5.286	-0.004	5.293	0.108
3.405	-0.530	3.413	-0.710	3.418	-0.818	3.423	-0.874	5.302	0.160	5.309	0.355	5.316	0.606	5.323	0.658
3.429	-0.770	3.435	-0.547	3.442	-0.407	3.455	-0.323	5.333	0.614	5.343	0.634	5.350	0.590	5.356	0.319
3.461	-0.212	3.467	-0.092	3.476	-0.012	3.485	-0.012	5.365	-0.040	5.371	-0.351	5.378	-0.638	5.387	-0.814
3.491	0.079	3.496	0.099	3.503	-0.009	3.509	-0.140	5.391	-0.905	5.396	-0.941	5.401	-0.909	5.411	-0.722
3.516	-0.096	3.521	-0.013	3.528	0.027	3.535	-0.053	5.420	-0.315	5.431	0.012	5.441	0.247	5.447	0.427
3.543	-0.128	3.552	-0.168	3.561	-0.276	3.566	-0.364	5.454	0.487	5.461	0.463	5.470	0.299	5.484	0.135
3.571	-0.412	3.581	-0.368	3.589	-0.252	3.597	-0.125	5.494	0.048	5.505	0.123	5.514	0.231	5.518	0.311
3.607	-0.029	3.619	0.194	3.626	0.258	3.637	0.553	5.524	0.327	5.529	0.279	5.535	0.179	5.542	0.119
3.647	0.924	3.657	1.195	3.662	1.243	3.665	1.299	5.549	-0.136	5.556	-0.359	5.560	-0.595	5.567	-0.662
3.672	1.259	3.681	1.063	3.688	0.856	3.694	0.768	5.575	-0.571	5.584	-0.463	5.594	-0.132	5.605	0.151
3.701	0.580	3.709	0.421	3.721	0.325	3.729	0.178	5.617	0.347	5.624	0.358	5.632	0.343	5.641	0.207
3.738	-0.138	3.745	-0.293	3.754	-0.549	3.761	-0.724	5.648	0.139	5.665	0.087	5.682	0.055	5.695	0.119
3.766	-0.788	3.776	-0.804	3.781	-0.752	3.792	-0.517	5.702	0.143	5.709	0.071	5.720	-0.136	5.730	-0.475
3.798	-0.325	3.808	-0.142	3.815	-0.062	3.821	-0.050	5.737	-0.655	5.744	-0.699	5.752	-0.627	5.763	-0.384
3.827	-0.078	3.832	-0.015	3.843	-0.053	3.849	-0.241	5.777	-0.256	5.795	-0.268	5.806	-0.320	5.818	-0.268
3.856	0.249	3.867	0.213	3.877	0.288	3.887	0.324	5.831	-0.136	5.843	0.067	5.855	0.398	5.863	0.701
3.896	0.272	3.903	0.196	3.914	0.204	3.920	0.152	5.867	0.789	5.875	0.737	5.889	0.629	5.899	0.629
3.932	0.009	3.939	-0.115	3.943	-0.187	3.949	-0.227	5.897	0.390	5.907	0.111	5.915	-0.029	5.921	-0.029
3.954	-0.346	3.960	-0.374	3.969	-0.335	3.982	-0.263	5.928	-0.037	5.938	0.122	5.947	0.402	5.958	0.649
3.989	-0.107	3.996	0.012	4.001	0.064	4.007	0.084	5.969	0.768	5.977	0.724	5.986	0.381	5.994	0.050
4.015	0.040	4.026	-0.088	4.033	-0.108	4.040	-0.060	6.006	-0.125	6.015	-0.237	6.028	-0.409	6.038	-0.441
4.051	0.076	4.058	0.179	4.068	0.239	4.077	0.243	6.050	-0.473	6.060	-0.409	6.069	-0.174	6.085	-0.078
4.091	0.207	4.103	0.119	4.110	0.015	4.122	-0.041	6.058	-0.030	6.111	-0.062	6.120	-0.218	6.134	-0.093
4.138	-0.069	4.150	-0.101	4.162	-0.065	4.175	0.027	6.145	-0.341	6.158	-0.274	6.165	-0.146	6.183	0.093
4.183	0.074	4.193	0.094	4.202	0.042	4.214	-0.017	6.200	0.380	6.211	0.316	6.222	0.567	6.231	0.508
4.225	-0.022	4.239	0.142	4.248	0.289	4.259	0.345	6.242	0.248	6.256	-0.187	6.266	-0.502	6.275	-0.629
4.266	0.317	4.278	0.209	4.288	0.157	4.296	0.145	6.284	-0.530	6.303	-0.466	6.317	-0.550	6.329	-0.434
4.305	0.189	4.311	0.249	4.319	0.269	4.327	0.221	6.339	-0.107	6.353	0.403	6.364	0.882	6.372	1.089
4.336	0.101	4.343	0.029	4.354	0.065	4.361	-0.007	6.378	1.145	6.383	1.101	6.393	0.774	6.405	0.474
4.371	-0.166	4.377	-0.258	4.384	-0.290	4.392	-0.238	6.414	0.171	6.426	-0.052	6.435	-0.204	6.444	-0.248
4.400	-0.147	4.406	-0.151	4.413	-0.163	4.422	-0.043	6.460	-0.156	6.468	-0.160	6.474	-0.137	6.482	-0.173
4.428	0.069	4.435	0.112	4.446	0.188	4.455	0.124	6.487	-0.252	6.504	-0.229	6.514	-0.229	6.523	-0.149
4.462	0.084	4.471	0.012	4.487	0.080	4.500	0.060	6.534	-0.089	6.542	0.066	6.550	0.146	6.556	0.158
4.512	-0.020	4.526	-0.036	4.533	-0.040	4.541	-0.076	6.570	0.141	6.580	0.153	6.594	0.161	6.601	0.197
4.553	0.052	4.563	0.075	4.570	0.024	4.575	-0.064	6.610	0.233	6.619	0.237	6.628	0.213	6.634	0.197
4.582	-0.084	4.592	-0.013	4.610	0.119	4.625	0.246	6.644	0.212	6.651	0.172	6.655	0.065	6.658	-0.015
4.637	0.342	4.645	0.426	4.655	0.466	4.667	0.454	6.667	-0.087	6.675	-0.055	6.681	-0.015	6.686	-0.007
4.679	0.394	4.685	0.358	4.702	0.393	4.710	0.441	6.653	-0.099	6.703	-0.215	6.713	-0.423	6.719	-0.570
4.717	0.385	4.726	0.150	4.737	-0.074	4.744	-0.305	6.724	-0.642	6.737	-0.610	6.743	-0.519	6.752	-0.268
4.754	-0.476	4.759	-0.528	4.770	-0.556	4.781	-0.521	6.758	-0.052	6.765	-0.016	6.776	-0.005	6.789	-0.021
4.787	-0.381	4.792	-0.285	4.796	-0.265	4.805	-0.229	6.756	-0.065	6.811	-0.005	6.819	-0.007	6.826	0.022

6.836	0.298	6.844	0.350	6.855	0.385	6.865	0.337	8.862	0.059	8.869	0.227	8.875	0.322	8.880	0.390
6.874	0.277	6.881	0.198	6.889	0.030	6.896	-0.194	8.891	0.449	8.902	0.740	8.912	0.448	8.917	0.800
6.904	-0.329	6.909	-0.405	6.915	-0.425	6.924	-0.393	8.922	0.724	8.931	0.525	8.940	0.221	8.945	0.034
6.934	-0.290	6.945	-0.210	6.958	-0.123	6.967	-0.099	8.964	-0.266	8.964	-0.413	8.975	-0.525	8.982	-0.597
6.973	0.029	6.981	0.292	6.993	0.539	7.001	0.415	8.990	-0.565	8.997	-0.458	9.004	-0.398	9.013	-0.310
7.010	0.192	7.019	0.147	7.028	-0.040	7.038	-0.160	9.021	-0.227	9.026	-0.056	9.034	0.020	9.038	0.035
7.045	-0.148	7.056	-0.348	7.066	-0.356	7.080	-0.472	9.064	0.015	9.070	-0.104	9.075	-0.156	9.085	-0.177
7.092	0.456	7.098	-0.360	7.106	-0.169	7.118	-0.149	9.109	-0.185	9.119	-0.153	9.127	-0.261	9.141	-0.154
7.127	0.002	7.138	0.325	7.152	0.728	7.162	1.110	9.151	-0.194	9.161	-0.114	9.169	-0.106	9.179	-0.106
7.167	1.174	7.174	1.134	7.184	0.915	7.195	0.559	9.192	-0.031	9.200	-0.107	9.214	-0.155	9.220	-0.251
7.203	0.400	7.214	0.248	7.225	0.236	7.234	0.208	9.227	-0.351	9.236	-0.219	9.247	-0.180	9.253	-0.188
7.243	0.096	7.251	0.008	7.265	0.020	7.275	-0.100	9.259	-0.080	9.270	0.083	9.277	0.262	9.291	0.330
7.265	-0.303	7.266	-0.507	7.304	-0.750	7.310	-0.846	9.299	0.402	9.309	0.441	9.316	0.397	9.325	0.317
7.315	-0.890	7.327	-0.815	7.335	-0.799	7.344	-0.584	9.334	0.397	9.344	0.441	9.352	0.584	9.362	0.636
7.353	-0.348	7.362	-0.261	7.371	-0.081	7.380	0.026	9.374	0.584	9.382	0.440	9.388	0.232	9.396	0.105
7.353	0.070	7.402	0.185	7.417	0.205	7.434	0.221	9.403	0.045	9.413	0.028	9.420	-0.028	9.434	0.084
7.438	0.380	7.443	0.516	7.449	0.543	7.454	0.500	9.443	0.084	9.455	0.159	9.462	0.087	9.471	-0.041
7.460	0.392	7.465	0.495	7.477	0.543	7.484	0.682	9.477	-0.065	9.485	-0.061	9.500	-0.265	9.508	-0.277
7.491	0.706	7.497	0.670	7.507	0.523	7.516	0.383	9.519	-0.413	9.532	-0.413	9.540	-0.405	9.554	-0.366
7.522	0.159	7.529	-0.044	7.535	-0.208	7.547	-0.252	9.566	-0.390	9.574	-0.254	9.585	-0.103	9.594	-0.011
7.556	-0.292	7.563	-0.316	7.571	-0.268	7.582	-0.145	9.600	0.136	9.606	0.168	9.614	0.140	9.624	0.139
7.588	-0.137	7.596	0.015	7.601	0.254	7.608	0.322	9.636	0.059	9.645	0.051	9.658	-0.045	9.673	-0.141
7.614	0.258	7.620	0.110	7.626	0.018	7.635	0.010	9.702	-0.098	9.714	-0.154	9.714	-0.154	9.726	-0.290
7.645	0.006	7.653	0.145	7.659	0.273	7.668	0.281	9.746	-0.346	9.746	-0.358	9.755	-0.302	9.765	-0.294
7.676	0.400	7.687	0.516	7.699	0.460	7.706	0.328	9.783	-0.363	9.784	-0.307	9.808	-0.164	9.821	-0.060
7.717	0.292	7.731	0.264	7.738	0.375	7.747	0.483	9.830	-0.033	9.848	-0.049	9.867	-0.073	9.881	-0.125
7.764	0.538	7.772	0.486	7.780	0.351	7.791	0.024	9.892	-0.122	9.903	-0.142	9.913	-0.082	9.920	-0.018
7.801	-0.220	7.811	-0.256	7.819	-0.288	7.835	-0.197	9.938	-0.051	9.949	-0.051	9.950	-0.147	9.959	-0.227
7.844	-0.161	7.857	-0.049	7.865	0.042	7.871	0.190	9.970	-0.025	9.978	-0.187	9.990	-0.068	10.003	0.179
7.879	0.321	7.886	0.389	7.896	0.397	7.908	0.412	10.013	0.375	10.018	0.359	10.025	0.470	10.031	0.438
7.918	0.372	7.929	0.177	7.939	0.021	7.954	-0.019	10.041	0.442	10.047	0.171	10.052	0.091	10.059	0.162
7.972	-0.007	7.980	0.056	7.987	0.220	7.993	0.100	10.065	-0.021	10.070	-0.070	10.073	-0.496	10.077	-0.548
8.000	-0.108	8.003	-0.155	8.012	-0.188	8.021	-0.280	10.085	-0.508	10.093	-0.640	10.100	-0.799	10.103	-0.760
8.029	-0.387	8.041	-0.264	8.046	-0.212	8.055	-0.212	10.108	-0.668	10.114	-0.644	10.119	-0.690	10.125	-0.828
8.064	-0.153	8.069	-0.133	8.084	-0.285	8.095	-0.205	10.132	-0.856	10.138	-0.784	10.144	-0.768	10.154	-0.876
8.102	-0.086	8.115	-0.241	8.124	-0.234	8.139	-0.449	10.166	-0.661	10.178	-0.446	10.189	-0.119	10.198	0.144
8.146	-0.350	8.154	-0.094	8.164	0.204	8.174	0.372	10.203	0.299	10.215	0.351	10.225	0.399	10.231	0.482
8.186	0.431	8.193	0.647	8.202	0.742	8.213	0.682	10.237	0.646	10.249	0.701	10.257	0.669	10.265	0.589
8.218	0.782	8.226	0.833	8.234	0.666	8.244	0.506	10.275	0.474	10.282	0.206	10.291	-0.053	10.303	-0.217
8.256	0.510	8.263	0.410	8.271	0.095	8.280	-0.208	10.317	-0.373	10.328	-0.381	10.339	-0.357	10.354	-0.329
8.284	-0.304	8.290	-0.332	8.297	-0.500	8.304	-0.811	10.367	-0.473	10.374	-0.437	10.386	-0.274	10.395	-0.027
8.310	-0.963	8.320	-0.991	8.325	-1.142	8.333	-1.250	10.406	0.061	10.414	0.200	10.421	0.268	10.426	0.224
8.339	-1.163	8.343	-0.888	8.353	-0.788	8.361	-0.473	10.436	0.104	10.453	0.064	10.467	0.160	10.475	0.156
8.368	-0.142	8.382	0.077	8.392	0.156	8.402	0.392	10.489	0.232	10.500	0.156	10.511	0.044	10.520	-0.075
8.413	0.535	8.421	0.583	8.426	0.519	8.435	0.307	10.535	-0.100	10.544	-0.072	10.561	-0.112	10.569	-0.275
8.448	0.255	8.461	0.127	8.475	0.195	8.482	0.139	10.576	-0.451	10.585	-0.483	10.591	-0.642	10.598	-0.698
8.496	-0.093	8.505	-0.488	8.515	-0.883	8.521	-0.583	10.604	-0.642	10.609	-0.435	10.617	-0.383	10.626	-0.463
8.529	-1.027	8.534	-0.987	8.546	-0.541	8.561	-0.126	10.635	-0.658	10.641	-0.455	10.647	-0.252	10.654	-0.092
8.571	0.217	8.589	0.591	8.601	0.786	8.613	0.830	10.660	0.163	10.677	0.275	10.677	0.306	10.687	0.263
8.622	0.562	8.627	1.061	8.632	1.013	8.637	1.013	10.697	0.306	10.704	0.179	10.712	-0.029	10.721	-0.053
8.647	0.710	8.659	0.386	8.674	0.155	8.685	-0.105	10.735	-0.252	10.744	-0.216	10.754	-0.037	10.765	-0.113
8.699	-0.221	8.711	-0.458	8.717	-0.468	8.725	-0.428	10.777	-0.037	10.786	-0.117	10.800	-0.045	10.813	-0.009
8.734	-0.257	8.741	-0.233	8.750	-0.257	8.758	-0.154	10.826	-0.133	10.837	-0.057	10.853	-0.245	10.867	-0.293
8.770	0.205	8.779	0.492	8.784	0.587	8.791	0.623	10.875	-0.437	10.881	-0.473	10.886	-0.413	10.890	-0.289
8.798	0.587	8.807	0.427	8.823	0.319	8.830	0.204	10.900	-0.245	10.912	-0.201	10.920	-0.122	10.930	-0.146
8.835	0.012	8.838	-0.068	8.843	-0.092	8.848	-0.056	10.935	0.221	10.941	0.329	10.948	0.377	10.954	0.341

10.961	0.305	10.969	0.257	10.979	0.162	10.986	0.006	13.040	-0.153	13.052	-0.058	13.064	-0.082	13.077	-0.110
11.001	-0.213	11.009	-0.329	11.013	-0.289	11.018	-0.205	13.086	-0.050	13.084	0.026	13.101	0.086	13.115	0.094
11.034	-0.090	11.039	0.078	11.052	0.365	11.056	0.429	13.126	0.110	13.139	0.046	13.160	0.058	13.170	0.066
11.062	0.453	11.067	0.401	11.077	0.337	11.089	0.285	13.179	0.022	13.154	-0.002	13.205	0.022	13.213	0.086
11.094	0.333	11.101	0.405	11.106	0.425	11.113	0.385	13.219	0.114	13.234	0.110	13.244	0.122	13.253	0.142
11.120	0.229	11.124	0.118	11.127	-0.054	11.134	-0.122	13.262	0.118	13.275	0.182	13.290	0.158	13.304	0.190
11.148	-0.153	11.155	-0.221	11.164	-0.313	11.173	-0.269	13.319	0.174	13.330	0.237	13.343	0.273	13.350	0.345
11.185	-0.241	11.200	-0.189	11.210	-0.026	11.217	-0.130	13.361	0.389	13.367	0.313	13.375	0.213	13.382	0.178
11.226	0.229	11.236	0.281	11.243	0.325	11.252	0.449	13.392	0.166	13.401	0.174	13.412	0.181	13.427	0.130
11.265	0.453	11.268	0.449	11.274	0.505	11.283	0.584	13.440	-0.014	13.454	-0.110	13.464	-0.202	13.469	-0.250
11.266	0.529	11.290	0.473	11.299	0.397	11.306	0.441	13.478	-0.269	13.488	-0.210	13.503	-0.138	13.515	-0.014
11.312	0.525	11.318	0.624	11.330	0.764	11.334	0.828	13.519	0.045	13.538	0.081	13.545	0.041	13.555	-0.015
11.360	0.764	11.346	0.584	11.350	0.473	11.356	0.453	13.571	-0.035	13.587	-0.007	13.602	0.013	13.614	0.029
11.362	0.473	11.375	0.437	11.381	0.485	11.388	0.588	13.623	0.001	13.633	-0.111	13.646	-0.194	13.657	-0.330
11.392	0.600	11.396	0.584	11.406	0.381	11.413	0.313	13.664	-0.398	13.677	-0.450	13.686	-0.470	13.696	-0.494
11.422	0.325	11.428	0.293	11.435	0.213	11.447	0.289	13.768	-0.454	13.722	-0.382	13.728	-0.302	13.744	-0.259
11.454	0.241	11.462	0.094	11.472	0.054	11.479	0.050	13.754	-0.338	13.768	-0.378	13.778	-0.374	13.792	-0.347
11.485	-0.098	11.490	-0.145	11.497	-0.161	11.505	-0.138	13.824	-0.331	13.838	-0.315	13.853	-0.283	13.868	-0.231
11.513	-0.098	11.517	0.026	11.523	0.054	11.532	0.018	13.878	-0.159	13.890	-0.104	13.908	-0.040	13.918	-0.068
11.538	0.058	11.550	0.122	11.560	0.062	11.575	0.102	13.930	-0.120	13.948	-0.116	13.967	-0.104	13.977	-0.057
11.583	0.094	11.590	0.122	11.601	0.253	11.607	0.377	13.986	-0.019	14.001	0.071	14.011	0.134	14.018	0.186
11.617	0.445	11.628	0.321	11.640	0.281	11.653	0.221	14.027	0.130	14.036	0.074	14.068	0.066	14.058	0.058
11.659	-0.122	11.710	-0.241	11.720	-0.313	11.729	-0.437	14.112	-0.066	14.121	0.057	14.138	-0.018	14.168	-0.019
11.735	-0.457	11.751	-0.433	11.763	-0.465	11.771	-0.445	14.182	-0.023	14.205	-0.039	14.218	0.009	14.234	0.084
11.778	-0.313	11.786	-0.209	11.793	-0.138	11.802	-0.106	14.244	-0.224	14.254	-0.351	14.276	0.407	14.284	0.422
11.813	0.030	11.819	0.138	11.823	0.182	11.836	0.237	14.254	0.538	14.303	0.558	14.311	0.534	14.323	0.422
11.849	0.329	11.857	0.321	11.863	0.345	11.870	0.425	14.332	0.275	14.350	0.203	14.372	0.139	14.387	0.067
11.878	0.533	11.890	0.469	11.899	0.257	11.906	0.182	14.409	0.039	14.429	0.011	14.446	-0.069	14.462	-0.010
11.914	0.030	11.926	-0.249	11.933	-0.329	11.939	-0.357	14.475	0.186	14.593	0.269	14.554	0.285	14.517	0.273
11.947	-0.480	11.954	-0.586	11.960	-0.660	11.968	-0.692	14.535	0.309	14.546	0.241	14.557	0.153	14.575	0.121
11.973	-0.688	11.982	-0.644	11.988	-0.576	11.999	-0.221	14.590	0.061	14.608	-0.059	14.626	-0.167	14.645	-0.207
12.001	-0.169	12.019	-0.002	12.025	0.070	12.037	0.158	14.668	-0.311	14.683	-0.327	14.692	-0.279	14.705	-0.124
12.045	0.245	12.051	0.373	12.061	0.417	12.069	0.357	14.725	0.020	14.740	-0.111	14.750	0.291	14.761	0.322
12.083	0.265	12.092	0.110	12.104	-0.138	12.113	-0.193	14.771	0.274	14.788	0.127	14.796	0.011	14.813	-0.057
12.126	-0.161	12.137	-0.201	12.147	-0.134	12.156	-0.082	14.822	-0.209	14.828	-0.348	14.840	-0.408	14.858	-0.468
12.169	-0.030	12.177	0.022	12.183	0.082	12.194	0.030	14.868	-0.456	14.883	-0.461	14.858	-0.373	14.911	-0.253
12.204	0.110	12.217	0.202	12.231	0.329	12.252	0.377	14.915	-0.174	14.923	-0.142	14.934	-0.198	14.945	-0.106
12.262	0.421	12.274	0.385	12.285	0.337	12.301	0.154	14.955	0.013	14.966	0.057	14.983	0.137	14.999	0.057
12.314	0.277	12.318	0.245	12.326	0.106	12.331	0.094	15.008	0.065	15.029	0.061	15.044	0.009	15.060	-0.115
12.338	0.106	12.347	0.074	12.357	0.162	12.365	0.209	15.075	-0.159	15.096	-0.211	15.108	-0.259	15.128	-0.239
12.378	0.190	12.400	0.170	12.420	0.150	12.428	0.078	15.142	-0.207	15.162	0.012	15.174	0.048	15.187	0.119
12.431	-0.026	12.436	-0.090	12.445	-0.118	12.453	-0.173	15.196	0.167	15.209	0.127	15.230	0.171	15.243	0.143
12.464	-0.022	12.473	0.026	12.484	0.062	12.491	0.118	15.256	0.151	15.266	0.131	15.280	0.166	15.296	0.206
12.505	0.050	12.517	0.094	12.530	0.114	12.546	0.138	15.310	0.194	15.323	0.130	15.346	0.090	15.359	0.158
12.555	0.178	12.569	0.209	12.574	0.241	12.579	0.301	15.369	0.206	15.381	0.237	15.391	0.289	15.406	0.209
12.588	0.341	12.598	0.301	12.609	0.186	12.619	0.014	15.421	-0.257	15.438	0.253	15.455	0.165	15.469	0.137
12.634	-0.078	12.647	-0.205	12.655	-0.317	12.660	-0.357	15.485	0.089	15.511	0.117	15.526	0.149	15.541	0.236
12.679	-0.389	12.685	-0.401	12.694	-0.389	12.701	-0.349	15.550	0.264	15.577	0.304	15.597	0.327	15.615	0.355
12.708	-0.233	12.719	-0.102	12.731	-0.006	12.740	0.090	15.627	0.303	15.643	0.275	15.661	0.279	15.675	0.367
12.745	0.122	12.753	0.094	12.762	0.006	12.773	0.018	15.690	0.155	15.705	0.275	15.723	0.374	15.742	0.243
12.784	-0.066	12.795	-0.062	12.801	-0.102	12.811	-0.217	15.758	0.242	15.780	-0.041	15.794	0.039	15.804	0.043
12.828	-0.257	12.844	-0.313	12.859	-0.217	12.871	-0.329	15.818	0.114	15.831	0.058	15.844	0.110	15.859	-0.034
12.889	-0.333	12.898	-0.361	12.910	-0.373	12.933	-0.333	15.877	0.010	15.892	0.006	15.909	0.094	15.931	-0.086
12.944	-0.289	12.957	-0.213	12.968	-0.193	12.978	-0.241	15.942	-0.198	15.956	-0.234	15.973	-0.417	15.987	-0.385
12.994	-0.281	13.004	-0.305	13.015	-0.269	13.028	-0.197	15.996	-0.314	16.007	-0.258	16.028	-0.170	16.035	-0.158
								16.045	-0.170	16.063	-0.095	16.070	-0.027	16.085	-0.007

16.100	-0.051	16.120	-0.079	16.134	-0.143	16.151	-0.291	19.990	0.030	20.016	-0.020	20.047	-0.111	20.072	-0.071
16.164	-0.319	16.182	-0.351	16.199	-0.319	16.215	-0.295	20.097	0.032	20.111	-0.088	20.129	0.108	20.148	0.163
16.237	-0.172	16.258	-0.064	16.277	0.115	16.286	0.167	20.171	0.151	20.193	0.155	20.212	0.143	20.233	0.051
16.296	0.147	16.306	0.223	16.314	0.175	16.326	-0.084	20.281	-0.006	20.298	-0.006	20.337	0.080	20.361	0.029
16.334	-0.064	16.346	-0.228	16.361	-0.244	16.396	-0.204	20.365	0.021	20.405	0.081	20.422	0.080	20.439	0.072
16.412	-0.248	16.422	-0.256	16.441	-0.360	16.450	-0.316	20.453	0.032	20.473	0.000	20.486	-0.076	20.497	-0.096
16.462	-0.209	16.470	-0.069	16.484	0.007	16.502	-0.017	20.512	-0.084	20.531	-0.164	20.552	-0.090	20.575	-0.177
16.518	-0.025	16.544	-0.077	16.569	-0.077	16.587	-0.002	20.588	-0.089	20.601	-0.161	20.616	-0.090	20.624	-0.074
16.615	-0.082	16.647	-0.082	16.665	-0.030	16.675	-0.106	20.640	-0.041	20.664	0.025	20.683	0.005	20.694	-0.055
16.691	-0.038	16.709	-0.130	16.721	-0.042	16.738	0.018	20.709	0.099	20.722	-0.187	20.746	-0.199	20.755	-0.160
16.744	0.085	16.760	0.077	16.773	0.109	16.788	-0.003	20.753	-0.052	20.807	0.001	20.831	0.055	20.852	0.138
16.801	0.005	16.818	-0.035	16.834	0.093	16.843	0.029	20.858	0.158	20.888	0.138	20.901	0.002	20.917	-0.058
16.860	0.117	16.882	-0.079	16.898	-0.019	16.917	-0.039	20.932	-0.166	20.945	-0.222	20.972	-0.111	21.007	0.016
16.932	0.009	16.971	0.036	16.992	0.036	17.029	0.036	21.021	0.064	21.040	0.131	21.058	0.113	21.072	0.191
17.040	0.056	17.050	0.139	17.064	0.087	17.084	0.067	21.093	0.230	21.105	0.214	21.113	0.182	21.122	0.130
17.102	-0.009	17.122	-0.112	17.138	-0.156	17.157	-0.105	21.127	0.054	21.136	0.022	21.141	-0.050	21.149	-0.126
17.179	-0.181	17.197	-0.157	17.215	-0.069	17.224	-0.105	21.155	-0.158	21.161	-0.150	21.168	-0.202	21.178	-0.202
17.244	-0.070	17.257	-0.034	17.274	0.030	17.288	0.014	21.187	-0.194	21.196	-0.178	21.205	-0.115	21.212	-0.055
17.319	0.097	17.330	0.021	17.348	-0.102	17.359	-0.190	21.217	-0.019	21.224	-0.063	21.232	0.009	21.236	0.008
17.373	-0.266	17.395	-0.362	17.409	-0.310	17.434	-0.203	21.243	-0.008	21.260	0.000	21.272	-0.004	21.285	0.012
17.453	-0.139	17.467	-0.124	17.497	-0.036	17.516	-0.000	21.293	-0.019	21.307	0.023	21.321	-0.023	21.329	0.011
17.515	-0.129	17.568	0.027	17.585	-0.009	17.594	-0.065	21.338	-0.021	21.348	-0.077	21.361	-0.149	21.366	-0.185
17.684	-0.010	17.703	0.053	17.715	0.101	17.729	0.072	21.425	-0.226	21.436	-0.178	21.442	-0.159	21.451	-0.155
17.742	0.112	17.758	0.068	17.767	0.052	17.789	0.088	21.460	-0.151	21.469	-0.103	21.475	-0.091	21.481	-0.100
17.826	0.072	17.846	0.111	17.867	0.151	17.888	0.163	21.495	-0.080	21.503	-0.052	21.513	-0.108	21.529	-0.101
17.899	0.178	17.915	0.150	17.931	0.106	17.955	0.066	21.541	-0.137	21.551	-0.121	21.560	-0.149	21.579	-0.185
18.051	-0.031	18.063	0.029	18.075	-0.065	18.088	-0.091	21.592	-0.182	21.602	-0.178	21.614	-0.170	21.630	-0.186
18.107	0.012	18.126	0.088	18.136	0.020	18.150	-0.072	21.637	-0.194	21.647	-0.179	21.659	-0.151	21.667	-0.083
18.170	0.000	18.192	0.039	18.205	0.083	18.216	0.062	21.673	-0.068	21.678	-0.048	21.686	-0.040	21.697	-0.040
18.230	0.218	18.245	0.178	18.259	0.082	18.281	0.179	21.706	-0.048	21.715	-0.049	21.731	-0.128	21.741	-0.153
18.316	0.145	18.326	0.101	18.344	0.229	18.357	0.129	21.754	-0.165	21.766	-0.165	21.778	-0.153	21.790	-0.166
18.369	0.161	18.378	0.105	18.392	0.137	18.404	0.081	21.806	-0.166	21.821	-0.166	21.831	-0.182	21.840	-0.238
18.421	0.021	18.433	0.036	18.445	-0.031	18.465	0.044	21.850	-0.306	21.857	-0.283	21.875	-0.159	21.881	-0.195
18.478	-0.016	18.511	0.068	18.531	-0.032	18.564	-0.084	21.885	-0.183	21.899	-0.128	21.909	-0.176	21.919	-0.216
18.585	-0.081	18.601	-0.089	18.633	-0.037	18.652	-0.129	21.932	-0.208	21.935	-0.053	21.991	-0.173	21.970	-0.173
18.663	-0.105	18.685	-0.161	18.712	-0.054	18.718	-0.042	22.014	-0.122	22.020	-0.186	22.030	-0.206	22.040	-0.166
18.736	0.077	18.749	-0.011	18.762	0.073	18.773	-0.106	22.052	-0.103	22.060	-0.071	22.067	-0.067	22.084	-0.043
18.792	-0.147	18.804	-0.143	18.819	0.009	18.831	-0.055	22.057	-0.068	22.109	-0.052	22.119	-0.044	22.134	-0.052
18.848	-0.031	18.867	-0.143	18.886	-0.255	18.903	-0.144	22.143	-0.024	22.150	0.019	22.162	0.059	22.173	0.075
18.918	-0.036	18.935	0.115	18.948	0.071	18.967	-0.017	22.184	0.063	22.192	0.022	22.206	-0.010	22.222	-0.026
18.988	0.027	18.999	0.059	19.026	-0.029	19.039	-0.065	22.242	-0.038	22.254	-0.034	22.274	-0.011	22.286	-0.003
19.050	-0.045	19.068	-0.089	19.089	-0.037	19.103	-0.101	22.303	-0.015	22.315	0.052	22.331	0.076	22.351	0.091
19.118	-0.133	19.138	-0.078	19.156	0.018	19.158	0.026	22.362	0.063	22.379	0.071	22.389	0.055	22.401	0.019
19.216	0.161	19.231	0.081	19.243	0.029	19.263	0.069	22.421	0.023	22.437	0.003	22.452	-0.033	22.461	-0.065
19.275	0.001	19.291	-0.119	19.313	-0.143	19.331	-0.203	22.474	-0.081	22.482	-0.049	22.492	-0.018	22.505	-0.014
19.356	-0.203	19.391	-0.036	19.410	-0.112	19.425	-0.004	22.516	-0.002	22.529	0.046	22.543	0.082	22.560	0.062
19.437	-0.052	19.453	-0.060	19.475	-0.232	19.494	-0.244	22.568	-0.042	22.586	0.006	22.601	-0.010	22.613	0.002
19.508	-0.328	19.533	-0.277	19.552	-0.157	19.571	-0.026	22.626	0.049	22.637	0.077	22.653	0.085	22.665	0.065
19.565	0.010	19.610	0.010	19.625	-0.139	19.646	-0.058	22.680	0.685	22.695	0.045	22.705	0.033	22.717	0.041
19.662	-0.055	19.673	-0.158	19.689	-0.139	19.704	-0.179	22.739	0.033	22.756	-0.003	22.777	-0.051	22.788	-0.027
19.718	-0.155	19.730	-0.155	19.745	-0.063	19.767	-0.083	22.802	-0.043	22.809	-0.027	22.815	0.005	22.831	-0.075
19.785	-0.072	19.801	-0.012	19.813	-0.040	19.825	-0.120	22.840	-0.059	22.847	-0.079	22.859	0.004	22.865	0.036
19.840	-0.084	19.861	-0.060	19.874	-0.033	19.897	0.043	22.872	-0.052	22.882	0.052	22.893	0.004	22.906	0.048
19.918	-0.001	19.935	0.030	19.952	0.046	19.967	0.070	22.920	0.008	22.934	0.020	22.948	-0.004	22.956	-0.004

22.567	0.020	22.574	0.044	22.585	0.028	22.594	0.009
23.004	-0.039	23.016	-0.063	23.030	-0.083	23.048	-0.087
23.064	-0.095	23.081	-0.087	23.081	-0.075	23.087	-0.047
23.055	0.005	23.100	0.029	23.106	0.049	23.121	0.053
23.134	0.073	23.146	0.053	23.157	0.045	23.170	0.053
23.177	0.057	23.184	0.041	23.190	-0.007	23.198	-0.047
23.211	-0.078	23.224	-0.110	23.240	-0.130	23.254	-0.146
23.269	-0.130	23.282	-0.138	23.290	-0.114	23.298	-0.086
23.309	-0.074	23.320	-0.026	23.327	0.018	23.336	0.030
23.345	0.034	23.360	0.018	23.372	0.014	23.380	0.006
23.385	-0.018	23.394	-0.070	23.412	-0.121	23.421	-0.157
23.432	-0.173	23.444	-0.153	23.459	-0.165	23.471	-0.165
23.479	-0.149	23.491	-0.073	23.497	-0.053	23.509	-0.037
23.527	-0.041	23.537	0.031	23.545	0.051	23.554	0.007
23.569	0.007	23.581	-0.013	23.595	0.007	23.602	0.019
23.614	0.003	23.624	-0.068	23.631	-0.116	23.639	-0.160
23.652	-0.148	23.658	-0.172	23.676	-0.216	23.689	-0.211
23.703	-0.151	23.716	-0.151	23.724	-0.120	23.740	-0.119
23.755	-0.119	23.773	-0.107	23.784	-0.143	23.794	-0.187
23.809	-0.151	23.821	-0.111	23.828	-0.095	23.840	-0.087
23.853	-0.059	23.865	-0.115	23.879	-0.139	23.888	-0.174
23.901	-0.206	23.910	-0.214	23.926	-0.207	23.946	-0.199
23.958	-0.207	23.976	-0.235	23.995	-0.227	24.010	-0.151
24.026	-0.144	24.037	-0.088	24.051	-0.064	24.073	-0.064
24.080	-0.088	24.109	-0.160	24.123	-0.144	24.137	-0.156
24.153	-0.192	24.168	-0.217	24.186	-0.217	24.204	-0.237
24.215	-0.217	24.225	-0.181	24.243	-0.153	24.259	-0.130
24.270	-0.054	24.279	-0.042	24.289	0.002	24.298	0.026
24.311	0.034	24.325	0.025	24.346	0.009	24.365	-0.015
24.387	-0.031	24.398	-0.043	24.408	-0.063	24.418	-0.107
24.429	-0.163	24.443	-0.171	24.466	-0.163	24.477	-0.151
24.487	-0.120	24.504	-0.032	24.517	0.016	24.535	0.043
24.544	0.043	24.565	0.015	24.585	-0.029	24.601	-0.085
24.613	-0.113	24.626	-0.113	24.645	-0.097	24.660	-0.050
24.683	0.010	24.698	0.026	24.711	0.030	24.724	0.026
24.740	0.002	24.758	-0.011	24.777	-0.015	24.795	-0.019
24.812	-0.031	24.833	-0.059	24.851	-0.087	24.866	-0.036
24.883	-0.020	24.897	-0.032	24.914	-0.020	24.930	-0.036
24.949	0.007	24.960	0.023	24.972	0.059	24.981	0.067
24.998	0.059	25.018	0.019	25.038	0.026	25.054	-0.002
25.059	-0.038	25.072	-0.113	25.083	-0.118	25.099	-0.182
25.112	-0.158	25.124	-0.226	25.134	-0.218	25.139	-0.162
25.145	-0.118	25.154	-0.106	25.170	-0.051	25.187	0.017
25.197	0.037	25.210	0.053	25.222	0.037	25.258	-0.044
25.282	-0.080	25.297	-0.088	25.307	-0.112	25.319	-0.124
25.330	-0.120	25.340	-0.068	25.346	-0.032		



IN195

71.140 2/9/71 C600PST SAN JUAN CAPISTRANG

**N33E**

4725 PCINTS 99.461 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

TYPE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0586 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.029	0.021	-0.025	0.042	-0.022	0.054	-0.014	2.117	-0.004	2.137	-0.004	2.154	-0.003	2.176	-0.003
0.067	-0.003	0.079	0.005	0.091	0.005	0.103	0.005	2.191	-0.006	2.206	-0.010	2.233	0.002	2.245	0.002
0.110	0.005	0.116	0.005	0.124	0.005	0.133	0.001	2.256	-0.001	2.265	-0.009	2.282	-0.027	2.302	-0.028
0.178	-0.018	0.155	-0.018	0.164	-0.022	0.170	-0.022	2.323	0.013	2.342	-0.002	2.367	0.013	2.391	0.013
0.218	-0.029	0.185	-0.029	0.197	-0.029	0.204	-0.037	2.412	0.005	2.425	-0.007	2.450	-0.007	2.467	0.011
0.269	0.008	0.228	-0.014	0.241	-0.007	0.255	0.001	2.483	0.029	2.500	0.028	2.521	0.008	2.539	-0.019
0.320	0.008	0.280	0.008	0.295	0.008	0.310	0.008	2.565	-0.039	2.584	0.033	2.601	-0.011	2.612	-0.011
0.359	-0.008	0.331	0.015	0.340	0.004	0.352	-0.000	2.637	-0.016	2.657	-0.028	2.681	-0.044	2.703	-0.056
0.405	-0.016	0.366	-0.015	0.383	-0.019	0.395	-0.019	2.722	-0.026	2.731	-0.015	2.742	0.002	2.758	0.007
0.454	-0.043	0.417	-0.016	0.430	-0.012	0.443	0.003	2.775	0.034	2.788	0.033	2.802	0.022	2.818	0.018
0.488	-0.013	0.454	-0.001	0.470	0.006	0.479	-0.005	2.830	0.013	2.846	-0.006	2.869	-0.014	2.881	-0.033
0.528	-0.017	0.495	-0.017	0.506	-0.028	0.515	-0.025	2.896	-0.025	2.909	-0.026	2.929	-0.026	2.936	-0.022
0.575	0.005	0.541	-0.006	0.552	-0.002	0.561	0.013	2.946	-0.026	2.957	-0.029	2.982	-0.037	2.996	-0.049
0.628	-0.033	0.588	-0.006	0.602	-0.018	0.614	-0.018	3.009	-0.056	3.024	-0.037	3.036	-0.026	3.060	0.000
0.682	-0.041	0.639	-0.041	0.653	-0.056	0.668	-0.068	3.076	0.004	3.090	0.004	3.113	0.004	3.134	0.004
0.729	-0.016	0.741	0.035	0.749	0.035	0.760	0.035	3.144	0.004	3.160	0.000	3.181	-0.003	3.156	-0.007
0.766	0.027	0.789	-0.007	0.807	0.012	0.821	0.012	3.218	0.012	3.237	0.012	3.256	-0.003	3.272	-0.019
0.832	0.008	0.848	-0.007	0.865	-0.007	0.878	0.005	3.289	-0.038	3.301	-0.007	3.320	-0.026	3.344	-0.011
0.887	0.005	0.893	-0.007	0.909	-0.007	0.920	-0.010	3.363	-0.003	3.381	-0.007	3.402	-0.007	3.421	-0.014
0.933	-0.018	0.946	-0.018	0.957	-0.018	0.971	-0.018	3.442	0.006	3.465	-0.006	3.486	0.013	3.504	0.028
0.983	-0.018	0.993	-0.018	1.003	-0.018	1.015	-0.018	3.521	0.025	3.541	0.021	3.555	0.014	3.573	0.003
1.031	-0.018	1.041	-0.022	1.054	-0.033	1.063	-0.018	3.592	-0.016	3.616	-0.035	3.629	-0.039	3.643	-0.020
1.072	-0.037	1.080	-0.018	1.084	-0.026	1.097	-0.030	3.655	-0.012	3.676	-0.019	3.701	-0.015	3.727	-0.019
1.103	-0.037	1.119	-0.034	1.130	-0.026	1.137	-0.026	3.746	-0.019	3.764	-0.014	3.786	-0.010	3.806	0.014
1.148	-0.026	1.156	-0.015	1.165	-0.007	1.177	-0.004	3.825	0.025	3.843	0.015	3.860	0.011	3.874	0.008
1.187	0.004	1.205	-0.008	1.217	0.015	1.234	0.011	3.888	0.001	3.907	-0.003	3.917	-0.006	3.936	-0.002
1.242	0.000	1.254	-0.000	1.275	0.004	1.296	0.007	3.949	0.002	3.967	0.014	3.987	0.026	4.008	0.000
1.311	0.007	1.327	0.007	1.350	0.011	1.371	0.007	4.023	-0.023	4.038	-0.042	4.055	-0.049	4.072	-0.026
1.388	-0.003	1.403	0.003	1.423	-0.016	1.442	-0.013	4.085	-0.003	4.105	0.020	4.118	0.017	4.132	0.013
1.454	-0.017	1.467	-0.017	1.483	-0.017	1.500	-0.020	4.148	0.010	4.168	0.013	4.180	0.001	4.201	-0.018
1.516	-0.016	1.532	-0.012	1.544	-0.012	1.566	-0.012	4.225	-0.011	4.255	0.014	4.289	0.017	4.324	0.028
1.581	-0.012	1.594	-0.004	1.607	-0.004	1.616	0.003	4.355	0.027	4.377	-0.022	4.392	-0.034	4.423	-0.005
1.631	0.004	1.654	-0.001	1.669	-0.011	1.686	-0.011	4.450	-0.018	4.473	-0.022	4.492	-0.027	4.512	-0.023
1.687	-0.011	1.701	-0.011	1.725	0.004	1.747	0.015	4.609	0.024	4.622	0.025	4.638	0.031	4.651	0.009
1.761	0.011	1.784	0.010	1.805	0.003	1.823	-0.013	4.682	-0.010	4.701	-0.037	4.731	-0.052	4.754	-0.033
1.839	-0.024	1.853	-0.028	1.869	-0.021	1.885	-0.006	4.801	0.000	4.801	0.000	4.830	0.023	4.859	0.004
1.903	0.009	1.929	0.024	1.948	0.016	1.963	0.005	4.861	-0.002	4.910	-0.016	4.932	-0.004	4.949	0.004
1.973	0.008	2.001	-0.001	2.017	-0.007	2.032	-0.019	4.959	-0.007	4.988	-0.010	5.011	-0.025	5.038	-0.020
2.045	-0.026	2.063	-0.019	2.077	0.004	2.095	0.004	5.055	-0.012	5.071	-0.012	5.083	-0.019	5.108	-0.026

5.124	-0.033	5.145	-0.021	5.166	0.002	5.184	0.029	9.352	-0.008	9.379	-0.034	5.400	-0.064	9.424	-0.052
5.218	0.053	5.242	0.034	5.265	0.003	5.287	-0.016	9.442	-0.017	9.465	0.002	5.485	-0.005	9.520	-0.031
5.312	-0.028	5.326	-0.020	5.347	-0.013	5.364	-0.005	9.543	-0.030	9.563	0.045	5.515	-0.045	9.593	-0.063
5.380	0.021	5.396	0.025	5.408	0.024	5.420	0.024	9.604	-0.063	9.619	-0.067	5.638	-0.077	9.656	-0.081
5.435	0.028	5.452	0.032	5.483	0.027	5.499	0.027	9.677	-0.046	9.692	-0.027	5.709	0.018	9.730	0.060
5.522	0.031	5.546	0.022	5.571	-0.032	5.588	-0.051	9.745	0.057	9.755	0.057	5.766	0.046	9.780	0.046
5.604	-0.051	5.619	-0.048	5.640	-0.026	5.653	-0.019	9.787	0.054	9.803	0.058	5.834	0.108	9.852	0.085
5.676	-0.004	5.692	-0.001	5.713	-0.001	5.734	-0.002	9.864	0.059	9.883	0.055	5.895	-0.009	9.907	-0.032
5.755	0.006	5.777	0.032	5.795	0.028	5.814	0.021	9.915	-0.032	9.924	-0.024	5.936	-0.009	9.949	0.006
5.830	0.001	5.848	-0.010	5.866	-0.014	5.883	-0.014	9.963	-0.001	9.976	-0.009	5.990	-0.020	10.007	-0.032
5.904	0.001	5.928	-0.003	5.955	-0.003	5.979	-0.015	10.023	-0.005	10.039	-0.010	10.059	-0.014	10.082	-0.005
6.003	-0.016	6.022	-0.018	6.040	-0.007	6.057	0.016	10.059	-0.039	10.122	-0.085	10.146	-0.023	10.167	0.022
6.072	0.016	6.095	0.024	6.122	0.009	6.140	-0.021	10.150	0.070	10.278	0.139	10.294	0.089	10.327	0.148
6.165	-0.033	6.181	-0.002	6.197	-0.002	6.210	-0.006	10.328	0.008	10.341	0.007	10.353	0.010	10.367	0.010
6.229	-0.025	6.249	-0.043	6.270	-0.032	6.280	-0.002	10.382	0.020	10.445	-0.067	10.461	0.004	10.474	-0.007
6.314	0.025	6.333	0.040	6.357	-0.033	6.375	0.033	10.432	-0.007	10.508	0.054	10.525	-0.030	10.540	-0.067
6.409	0.026	6.436	0.007	6.463	-0.023	6.485	-0.046	10.451	0.012	10.553	-0.098	10.568	-0.151	10.586	-0.143
6.499	-0.046	6.517	-0.042	6.540	-0.034	6.557	-0.008	10.553	-0.098	10.565	-0.132	10.576	-0.151	10.586	-0.143
6.577	-0.007	6.594	0.004	6.618	0.016	6.644	0.031	10.582	0.123	10.621	0.157	10.621	-0.054	10.633	-0.058
6.666	0.038	6.680	0.038	6.712	0.012	6.739	-0.019	10.652	-0.135	10.610	-0.105	10.621	-0.054	10.633	-0.058
6.756	-0.023	6.775	-0.030	6.790	-0.034	6.801	-0.034	10.672	-0.120	10.670	-0.132	10.691	-0.087	10.711	-0.041
6.820	-0.034	6.838	-0.019	6.856	0.000	6.872	-0.007	10.728	0.000	10.744	-0.060	10.772	0.029	10.787	0.089
6.886	-0.023	6.903	-0.034	6.925	-0.058	6.944	-0.047	10.802	0.123	10.821	0.157	10.842	0.114	10.856	0.065
6.956	-0.032	6.971	-0.028	6.984	-0.002	7.011	0.031	10.869	0.019	10.886	-0.066	10.901	-0.100	10.913	-0.092
7.029	0.042	7.044	0.042	7.059	0.042	7.072	0.045	10.919	-0.093	10.943	-0.067	10.959	-0.067	10.980	-0.087
7.086	0.037	7.101	0.029	7.126	-0.009	7.140	-0.014	10.990	-0.103	11.040	-0.056	11.056	0.134	11.084	0.096
7.155	-0.025	7.170	-0.026	7.182	-0.007	7.198	-0.000	11.040	0.066	11.107	0.032	11.118	-0.010	11.132	-0.021
7.212	0.015	7.230	0.030	7.249	-0.013	7.274	-0.028	11.095	0.066	11.162	-0.025	11.177	0.001	11.187	0.024
7.292	-0.025	7.308	-0.029	7.320	-0.030	7.334	-0.030	11.201	0.051	11.214	0.066	11.229	0.058	11.242	0.032
7.342	-0.026	7.359	-0.034	7.371	-0.038	7.391	-0.038	11.253	0.039	11.264	0.070	11.278	0.104	11.292	0.115
7.407	-0.050	7.425	-0.061	7.439	-0.050	7.455	-0.020	11.306	0.096	11.320	0.077	11.333	0.024	11.348	-0.021
7.471	0.014	7.487	0.037	7.504	0.060	7.521	0.052	11.361	-0.063	11.373	-0.057	11.385	-0.085	11.400	-0.070
7.542	0.033	7.558	0.021	7.582	0.018	7.601	0.014	11.413	-0.055	11.422	-0.032	11.433	-0.006	11.445	0.013
7.628	0.006	7.651	-0.032	7.684	-0.047	7.700	-0.013	11.457	0.028	11.467	0.031	11.475	0.036	11.485	0.044
7.715	-0.025	7.736	-0.025	7.756	-0.025	7.770	-0.029	11.554	-0.074	11.567	-0.036	11.577	-0.074	11.592	-0.070
7.790	-0.033	7.808	-0.033	7.820	-0.033	7.841	-0.040	11.599	0.047	11.617	-0.018	11.628	0.016	11.640	0.038
7.862	-0.040	7.876	-0.010	7.898	-0.005	7.910	0.024	11.605	-0.040	11.617	-0.018	11.628	0.016	11.640	0.038
7.926	0.017	7.944	-0.002	7.969	-0.025	7.988	-0.021	11.652	0.049	11.665	0.063	11.680	0.043	11.693	0.039
8.009	-0.021	8.022	-0.021	8.039	-0.017	8.056	-0.017	11.714	-0.018	11.726	-0.063	11.740	-0.034	11.753	-0.039
8.074	-0.021	8.095	-0.006	8.108	-0.006	8.125	-0.006	11.714	-0.018	11.726	-0.063	11.740	-0.034	11.753	-0.039
8.140	0.009	8.158	0.028	8.178	0.009	8.199	-0.010	11.762	-0.047	11.775	-0.031	11.791	-0.040	11.805	0.024
8.227	-0.033	8.246	-0.041	8.271	-0.033	8.286	-0.026	11.817	0.073	11.828	0.121	11.843	0.174	11.859	0.175
8.300	-0.026	8.318	-0.018	8.338	-0.007	8.359	0.068	11.871	0.203	11.885	0.155	11.896	0.191	11.911	0.175
8.450	0.014	8.466	0.006	8.493	-0.014	8.512	-0.037	11.926	0.141	11.941	0.152	11.957	0.140	11.971	0.116
8.529	-0.048	8.542	-0.049	8.563	-0.064	8.589	-0.049	11.965	0.074	12.000	0.039	12.013	-0.037	12.027	-0.064
8.605	-0.031	8.617	-0.016	8.628	-0.016	8.649	-0.012	12.039	-0.060	12.052	-0.052	12.069	-0.103	12.086	-0.092
8.675	-0.020	8.692	-0.019	8.713	-0.023	8.735	-0.031	12.101	-0.096	12.116	-0.052	12.131	-0.056	12.143	-0.136
8.748	-0.015	8.765	0.011	8.783	-0.000	8.804	-0.008	12.154	-0.183	12.169	-0.206	12.184	-0.214	12.198	-0.187
8.820	-0.042	8.841	-0.038	8.857	-0.019	8.874	0.000	12.209	-0.176	12.220	-0.165	12.230	-0.161	12.240	-0.154
8.889	0.019	8.909	0.008	8.929	-0.018	8.951	-0.052	12.257	-0.131	12.260	-0.108	12.275	-0.078	12.287	-0.033
8.975	-0.040	9.000	-0.021	9.029	-0.013	9.048	-0.020	12.297	-0.078	12.309	-0.025	12.326	-0.044	12.335	-0.075
9.066	-0.020	9.087	-0.027	9.114	-0.031	9.148	-0.027	12.350	-0.078	12.361	-0.067	12.372	-0.033	12.384	-0.009
9.132	-0.015	9.153	-0.003	9.175	0.001	9.194	0.013	12.395	0.081	12.408	0.130	12.418	0.176	12.430	0.176
9.209	0.024	9.226	0.021	9.247	0.006	9.264	-0.021	12.444	0.165	12.458	0.161	12.471	0.146	12.484	0.161
9.282	-0.035	9.301	-0.012	9.318	0.011	9.335	0.007	12.458	0.180	12.508	0.191	12.523	0.157	12.541	0.108
								12.556	0.059	12.569	0.025	12.582	0.036	12.593	0.047

12.606	0.055	12.618	0.081	12.630	0.092	12.638	0.108	15.856	0.081	15.871	0.168	15.882	0.232	15.899	0.297
12.646	0.130	12.656	0.123	12.668	0.119	12.679	0.081	15.911	0.319	15.924	0.270	15.944	0.175	15.957	0.099
12.694	0.038	12.707	0.048	12.723	-0.058	12.737	-0.132	15.973	0.076	15.990	0.106	16.005	0.155	16.021	0.154
12.751	-0.159	12.763	-0.159	12.776	-0.151	12.790	-0.140	16.038	0.097	16.053	-0.001	16.071	-0.138	16.084	-0.214
12.800	-0.151	12.814	-0.129	12.830	-0.114	12.842	-0.080	16.099	-0.253	16.118	-0.207	16.138	-0.170	16.160	-0.025
12.857	-0.046	12.870	-0.024	12.881	-0.010	12.894	0.043	16.177	-0.063	16.196	-0.046	16.213	-0.005	16.233	0.025
12.909	0.062	12.921	0.043	12.935	0.019	12.947	0.004	16.250	0.044	16.266	0.055	16.285	0.066	16.305	0.026
12.958	-0.008	12.971	0.015	12.985	0.082	13.002	0.161	16.323	-0.048	16.341	-0.082	16.358	-0.063	16.376	-0.048
13.013	0.218	13.024	0.259	13.038	0.270	13.050	0.255	16.393	-0.048	16.410	-0.086	16.428	-0.062	16.447	-0.253
13.063	0.251	13.078	0.246	13.091	0.242	13.102	0.216	16.462	-0.291	16.479	-0.216	16.495	-0.238	16.513	-0.207
13.116	0.134	13.127	0.128	13.140	0.071	13.151	0.017	16.529	-0.192	16.546	-0.215	16.562	-0.169	16.577	-0.093
13.165	-0.055	13.177	-0.082	13.187	-0.143	13.202	-0.143	16.585	-0.002	16.601	0.062	16.616	0.108	16.631	0.190
13.217	-0.128	13.232	-0.136	13.244	-0.144	13.256	-0.178	16.646	0.196	16.661	0.245	16.675	0.298	16.691	0.344
13.270	-0.232	13.282	-0.278	13.294	-0.278	13.311	-0.221	16.708	0.318	16.722	0.257	16.736	0.197	16.749	0.079
13.323	-0.142	13.335	-0.089	13.344	-0.024	13.354	0.037	16.765	-0.011	16.779	-0.057	16.792	-0.117	16.803	-0.121
13.365	0.098	13.375	0.151	13.388	0.147	13.401	0.110	16.815	-0.117	16.830	-0.121	16.843	-0.117	16.855	-0.121
13.415	0.057	13.431	0.038	13.445	0.077	13.459	0.103	16.870	-0.140	16.884	-0.068	16.897	0.034	16.911	0.152
13.477	0.134	13.491	0.146	13.508	0.112	13.522	0.036	16.922	-0.239	16.936	0.334	16.948	0.190	17.026	0.133
13.535	-0.058	13.551	-0.156	13.567	-0.224	13.580	-0.220	16.975	0.376	16.994	0.285	17.011	0.190	17.026	0.133
13.597	-0.174	13.606	-0.094	13.617	-0.025	13.628	0.051	17.043	0.103	17.061	0.046	17.075	0.008	17.091	-0.015
13.640	0.120	13.651	0.132	13.664	0.113	13.679	0.080	17.106	-0.046	17.115	-0.084	17.136	-0.091	17.150	-0.050
13.691	0.020	13.703	-0.037	13.718	-0.093	13.733	-0.134	17.163	-0.016	17.175	0.037	17.192	-0.050	17.209	0.079
13.748	-0.130	13.760	-0.129	13.773	-0.121	13.783	-0.106	17.226	0.044	17.244	0.022	17.263	-0.020	17.280	0.032
13.796	-0.094	13.807	-0.059	13.821	-0.070	13.835	-0.115	17.259	0.021	17.281	0.014	17.293	-0.012	17.308	0.127
13.845	-0.191	13.863	-0.255	13.881	-0.289	13.896	-0.258	17.364	-0.097	17.381	0.025	17.401	-0.051	17.416	-0.054
13.909	-0.212	13.918	-0.155	13.938	-0.147	13.951	-0.132	17.432	-0.039	17.449	-0.013	17.468	0.032	17.487	0.109
13.968	-0.116	13.986	-0.055	13.997	-0.024	14.011	0.150	17.504	0.060	17.520	-0.027	17.534	-0.111	17.551	-0.160
14.022	0.260	14.036	0.366	14.047	0.423	14.059	0.445	17.568	-0.160	17.587	-0.164	17.610	-0.183	17.632	-0.201
14.072	0.415	14.086	0.347	14.101	0.229	14.114	0.100	17.653	-0.126	17.670	-0.057	17.691	-0.026	17.712	0.076
14.129	-0.002	14.144	-0.059	14.160	-0.071	14.175	-0.063	17.736	0.060	17.755	0.026	17.776	0.015	17.795	0.068
14.191	-0.101	14.212	-0.135	14.231	-0.124	14.244	-0.109	17.818	0.102	17.837	0.059	17.852	0.026	17.870	-0.066
14.255	-0.052	14.268	0.005	14.280	0.047	14.293	0.077	17.853	-0.085	17.911	-0.089	17.931	-0.116	17.952	-0.066
14.305	-0.103	14.319	0.137	14.339	0.133	14.353	0.091	17.978	-0.042	18.002	-0.016	18.023	0.025	18.044	0.059
14.373	0.061	14.392	0.079	14.405	0.041	14.418	0.011	18.068	0.069	18.083	0.061	18.102	0.045	18.123	0.067
14.432	-0.069	14.449	-0.156	14.464	-0.221	14.477	-0.233	18.211	0.011	18.225	-0.069	18.243	-0.119	18.261	-0.090
14.494	-0.153	14.509	-0.028	14.524	0.059	14.540	0.119	18.283	-0.098	18.307	-0.114	18.334	-0.134	18.363	-0.131
14.555	0.056	14.575	0.024	14.592	-0.052	14.608	-0.018	18.378	-0.176	18.397	-0.120	18.417	-0.018	18.436	0.046
14.624	0.077	14.639	0.164	14.658	0.221	14.676	0.221	18.460	0.061	18.478	0.057	18.495	0.042	18.521	-0.004
14.691	0.176	14.712	0.142	14.728	0.130	14.744	0.145	18.541	-0.050	18.560	-0.088	18.581	-0.126	18.598	-0.118
14.761	0.134	14.778	0.028	14.797	-0.063	14.815	-0.154	18.621	-0.065	18.637	-0.031	18.656	-0.019	18.674	-0.027
14.830	-0.230	14.851	-0.241	14.866	-0.199	14.884	-0.188	18.693	-0.019	18.714	0.045	18.731	0.102	18.748	0.137
14.902	-0.181	14.916	-0.162	14.934	-0.181	14.950	-0.222	18.769	-0.152	18.788	-0.125	18.804	0.095	18.824	0.034
14.966	-0.272	14.981	-0.287	14.997	-0.264	15.015	-0.203	18.841	-0.011	18.864	-0.049	18.882	-0.079	18.899	-0.056
15.030	-0.146	15.047	-0.074	15.062	-0.018	15.074	0.058	18.915	-0.045	18.931	-0.026	18.952	-0.011	18.970	0.024
15.090	0.149	15.108	0.244	15.120	0.251	15.136	0.206	18.986	0.039	19.004	0.043	19.024	0.050	19.044	0.085
15.157	0.149	15.171	0.096	15.186	0.070	15.209	0.073	19.066	0.111	19.083	0.104	19.112	0.043	19.112	-0.066
15.223	0.103	15.238	0.137	15.256	0.179	15.274	0.236	19.131	-0.047	19.152	-0.116	19.175	-0.161	19.193	-0.159
15.288	0.285	15.303	0.326	15.327	0.256	15.344	0.259	19.211	-0.202	19.226	-0.221	19.248	-0.164	19.268	-0.115
15.357	0.232	15.373	0.214	15.387	0.176	15.403	0.066	19.285	-0.035	19.310	0.015	19.328	0.007	19.348	-0.012
15.418	-0.040	15.434	-0.093	15.450	-0.111	15.466	-0.134	19.368	0.004	19.393	0.042	19.412	0.080	19.434	-0.126
15.484	-0.183	15.500	-0.171	15.514	-0.167	15.529	-0.171	19.448	0.130	19.469	0.085	19.489	0.009	19.505	-0.033
15.545	-0.182	15.563	-0.205	15.581	-0.178	15.597	-0.113	19.523	-0.066	19.538	-0.025	19.559	0.010	19.572	0.082
15.611	-0.015	15.622	0.050	15.638	0.103	15.650	0.149	19.585	-0.150	19.614	-0.203	19.626	0.154	19.648	0.105
15.669	0.183	15.693	0.069	15.706	-0.029	15.724	-0.128	19.645	0.059	19.665	0.025	19.701	-0.018	19.715	0.018
15.738	-0.116	15.751	-0.071	15.767	-0.021	15.781	0.021	19.685	-0.016	19.709	-0.073	19.778	-0.099	19.793	-0.126
15.798	0.036	15.814	0.021	15.829	-0.009	15.843	0.013	19.740	0.016	19.759	-0.073	19.778	-0.099	19.793	-0.126

19.810	-0.107	19.823	-0.080	19.839	-0.061	19.855	-0.023	24.531	0.050	24.551	0.024	24.576	-0.003	24.607	-0.025
15.884	0.023	19.902	-0.008	19.916	-0.026	19.931	-0.030	24.638	-0.048	24.654	-0.071	24.673	-0.071	24.695	-0.071
19.952	0.011	19.977	0.008	20.000	0.016	20.023	0.035	24.718	-0.038	24.736	-0.130	24.763	-0.131	24.784	-0.147
20.052	0.081	20.072	-0.014	20.092	-0.071	20.118	-0.074	24.809	-0.154	24.834	-0.131	24.855	-0.105	24.873	-0.094
20.138	-0.067	20.162	-0.085	20.186	-0.108	20.209	-0.055	24.895	-0.154	24.917	-0.033	24.934	0.009	24.953	0.066
20.231	0.029	20.249	0.105	20.272	0.170	20.291	0.151	24.969	0.130	24.980	0.160	24.993	0.187	25.007	0.213
20.314	0.147	20.337	0.159	20.358	0.216	20.379	0.189	25.028	0.191	25.056	0.123	25.050	0.043	25.125	-0.003
20.395	0.091	20.417	0.076	20.436	0.057	20.457	0.007	25.163	-0.056	25.180	-0.054	25.211	-0.135	25.227	-0.166
20.478	-0.065	20.497	-0.125	20.523	-0.167	20.541	-0.140	25.264	-0.052	25.283	-0.074	25.304	-0.150	25.332	-0.124
20.563	-0.051	20.593	-0.094	20.619	-0.105	20.644	-0.132	25.356	-0.086	25.385	-0.048	25.406	-0.022	25.428	-0.006
20.669	-0.124	20.696	-0.124	20.716	-0.078	20.742	-0.048	25.447	-0.010	25.466	-0.010	25.486	-0.010	25.511	0.032
20.763	-0.017	20.785	-0.029	20.803	0.032	20.816	0.036	25.524	0.066	25.544	0.111	25.572	0.141	25.601	0.145
20.834	0.029	20.855	0.029	20.879	0.082	20.896	0.105	25.621	0.153	25.646	0.164	25.667	0.191	25.676	0.210
20.913	0.165	20.936	0.203	20.955	0.226	20.964	0.177	25.655	0.157	25.678	0.115	25.747	0.058	25.786	-0.006
21.006	0.123	21.030	0.082	21.051	0.055	21.080	0.028	25.805	-0.029	25.837	-0.071	25.852	-0.116	25.871	-0.150
21.056	-0.029	21.121	0.000	21.138	0.046	21.147	0.091	25.894	-0.116	25.912	-0.067	25.936	-0.025	25.958	0.005
21.170	0.139	21.187	0.154	21.205	0.176	21.227	0.138	25.916	-0.010	25.955	-0.018	26.035	-0.018	26.058	-0.018
21.245	0.065	21.267	0.019	21.295	-0.004	21.318	-0.016	26.073	-0.018	26.092	-0.056	26.126	-0.044	26.150	-0.044
21.337	-0.036	21.358	-0.067	21.378	-0.076	21.398	-0.104	26.173	-0.044	26.192	-0.030	26.212	-0.035	26.237	0.058
21.419	-0.128	21.444	-0.110	21.463	-0.142	21.484	-0.181	26.259	0.054	26.288	0.054	26.307	0.043	26.323	0.013
21.503	-0.167	21.528	-0.108	21.552	-0.060	21.578	-0.064	26.339	-0.014	26.355	-0.033	26.371	-0.014	26.379	-0.010
21.600	-0.114	21.624	-0.103	21.651	-0.107	21.673	-0.112	26.392	0.001	26.417	-0.003	26.431	-0.003	26.453	-0.003
21.694	-0.108	21.725	-0.009	21.748	0.026	21.769	0.015	26.472	-0.044	26.494	-0.059	26.513	-0.033	26.541	-0.010
21.756	0.087	21.813	0.038	21.837	0.031	21.856	0.019	26.565	0.016	26.597	0.058	26.614	0.081	26.626	0.104
21.877	0.049	21.887	0.049	21.900	0.061	21.928	0.060	26.646	0.119	26.678	0.056	26.703	0.020	26.734	-0.022
21.950	0.041	21.961	0.022	21.979	0.007	21.993	0.007	26.762	-0.059	26.783	-0.053	26.805	-0.075	26.824	-0.086
22.013	0.033	22.034	0.063	22.055	0.074	22.073	0.074	26.841	-0.075	26.854	-0.044	26.875	-0.014	26.894	0.035
22.082	0.104	22.098	0.123	22.112	0.153	22.125	0.172	26.914	0.062	26.937	0.088	26.965	-0.066	26.992	0.005
22.136	0.202	22.148	0.195	22.163	0.176	22.176	0.134	27.019	-0.022	27.049	-0.032	27.074	-0.014	27.095	0.016
22.197	0.085	22.217	0.050	22.229	0.009	22.255	-0.048	27.113	0.032	27.134	0.043	27.156	0.013	27.181	-0.018
22.273	-0.075	22.292	-0.105	22.303	-0.135	22.316	-0.147	27.210	-0.018	27.231	-0.025	27.238	-0.075	27.258	-0.116
22.329	-0.166	22.344	-0.139	22.362	-0.109	22.375	-0.086	27.290	0.143	27.313	-0.035	27.338	-0.120	27.355	-0.094
22.383	-0.056	22.390	-0.052	22.402	-0.067	22.416	-0.101	27.376	-0.082	27.404	-0.052	27.427	-0.033	27.452	-0.052
22.441	-0.162	22.454	-0.166	22.469	-0.166	22.470	-0.139	27.469	-0.037	27.490	-0.010	27.508	-0.047	27.529	0.081
22.486	-0.105	22.500	-0.082	22.507	-0.067	22.516	-0.059	27.558	0.123	27.584	0.155	27.608	0.164	27.628	0.164
22.532	-0.057	22.547	-0.139	22.558	-0.166	22.579	-0.188	27.653	0.179	27.674	0.155	27.692	0.210	27.716	0.172
22.591	-0.215	22.612	-0.222	22.632	-0.181	22.653	-0.150	27.735	0.126	27.755	0.056	27.790	-0.135	27.815	0.013
22.673	-0.078	22.694	0.009	22.711	0.066	22.725	0.100	27.855	-0.040	27.895	-0.054	27.926	-0.135	27.953	-0.150
22.739	0.149	22.769	0.141	22.799	0.126	22.831	0.119	27.912	-0.109	27.999	-0.030	28.030	-0.056	28.059	-0.056
22.849	0.111	22.872	0.100	22.886	0.077	22.908	0.066	28.094	-0.029	28.126	-0.010	28.145	-0.022	28.170	-0.033
22.929	0.073	22.948	0.088	22.971	0.107	22.994	0.104	28.186	-0.006	28.195	0.035	28.218	0.047	28.238	0.073
23.025	0.035	23.045	-0.010	23.058	-0.044	23.077	-0.097	28.257	0.062	28.282	0.034	28.305	0.050	28.321	0.050
23.092	-0.131	23.111	-0.192	23.132	-0.215	23.156	-0.207	28.348	0.058	28.372	0.077	28.393	0.104	28.420	0.115
23.189	-0.192	23.223	-0.177	23.255	-0.143	23.293	-0.097	28.444	0.141	28.462	0.039	28.493	0.077	28.532	0.047
23.328	0.044	23.368	0.032	23.390	0.081	23.419	0.119	28.553	0.047	28.587	0.036	28.606	0.043	28.630	0.047
23.450	0.123	23.475	0.123	23.501	0.123	23.528	0.123	28.656	0.016	28.679	-0.014	28.697	-0.014	28.722	0.020
23.552	0.111	23.578	0.107	23.598	0.088	23.621	0.016	28.748	0.054	28.778	0.062	28.815	0.043	28.841	-0.022
23.662	-0.033	23.688	-0.056	23.722	-0.101	23.741	-0.131	28.867	-0.082	28.896	-0.138	28.915	-0.128	28.941	-0.132
23.760	-0.169	23.776	-0.196	23.800	-0.154	23.816	-0.113	28.967	-0.114	28.994	-0.073	29.027	-0.036	29.062	0.008
23.842	-0.059	23.865	-0.003	23.883	0.047	23.901	0.088	29.052	0.030	29.129	0.048	29.183	0.063	29.231	0.060
23.922	0.123	23.945	0.111	23.968	0.054	23.995	-0.003	29.262	0.058	29.292	0.011	29.313	0.054	29.332	0.015
24.019	-0.067	24.034	-0.105	24.056	-0.128	24.081	-0.113	29.364	-0.009	29.400	-0.011	29.427	0.010	29.449	0.039
24.112	-0.105	24.134	-0.105	24.156	-0.143	24.180	-0.162	29.479	0.053	29.504	0.047	29.524	0.051	29.544	0.038
24.210	-0.162	24.235	-0.154	24.262	-0.109	24.290	-0.071	29.573	0.037	29.599	0.052	29.631	0.062	29.650	0.073
24.317	-0.037	24.354	0.032	24.377	0.085	24.404	0.119	29.682	0.076	29.711	0.056	29.742	0.014	29.773	-0.017
24.419	0.149	24.442	0.123	24.470	0.100	24.501	0.073	29.796	-0.044	29.826	-0.071	29.845	-0.071	29.865	-0.071

25.884	-0.067	29.913	-0.105	29.933	-0.154	29.964	-0.192	35.135	0.039	35.155	C.023	35.176	C.023	35.199	C.016
29.983	-C.219	30.005	-0.235	30.032	-0.206	30.055	-0.161	35.213	0.008	35.230	-0.003	35.248	-0.019	35.268	-0.027
30.015	-C.120	30.058	-0.105	30.130	-0.083	30.147	-0.073	35.250	-0.054	35.302	-C.062	35.320	-C.066	35.338	-C.066
30.172	-0.024	30.200	-0.043	30.236	0.071	30.266	0.088	35.359	-0.059	35.381	-C.056	35.399	-0.041	35.421	-C.030
30.289	C.102	30.311	0.101	30.333	0.104	30.352	0.122	35.439	-0.023	35.459	-C.018	35.482	-C.020	35.508	-C.005
30.370	0.090	30.398	0.066	30.426	0.020	30.457	0.008	35.535	-0.009	35.563	-C.006	35.591	-C.002	35.612	-C.006
30.488	-0.012	30.509	-0.039	30.530	0.006	30.553	0.036	35.639	C.005	35.665	C.020	35.684	C.038	35.706	C.050
30.572	0.058	30.589	0.081	30.615	0.046	30.641	0.012	35.730	0.046	35.754	0.039	35.776	C.043	35.794	C.043
30.664	-0.067	30.685	0.035	30.708	0.061	30.729	0.069	35.814	0.066	35.836	0.073	35.861	0.081	35.881	C.081
30.754	C.080	30.783	0.013	30.813	-0.006	30.831	-0.006	35.904	0.078	35.925	C.078	35.948	0.074	35.970	C.066
30.847	-0.006	30.875	0.009	30.908	0.024	30.947	0.047	35.955	C.074	36.008	0.077	36.028	0.062	36.047	C.039
30.968	0.050	30.987	0.058	31.005	0.058	31.023	0.073	36.064	0.016	36.082	-0.007	36.102	-0.026	36.125	-0.049
31.053	C.035	31.090	0.005	31.132	-0.040	31.174	-0.101	36.145	0.068	36.162	-0.007	36.182	-C.106	36.202	-C.125
31.205	-0.143	31.231	-0.196	31.255	-0.230	31.282	-0.268	36.228	-0.114	36.251	-0.114	36.274	-C.107	36.298	-C.100
31.306	-0.234	31.328	-0.192	31.360	-0.162	31.398	-0.143	36.319	-C.104	36.336	-C.056	36.356	-C.070	36.373	-C.051
31.449	-0.057	31.476	-0.067	31.511	-0.040	31.545	-0.056	36.350	-0.024	36.410	-0.001	36.428	C.025	36.442	C.033
31.581	-0.025	31.611	0.009	31.633	0.035	31.661	0.073	36.458	0.056	36.478	C.071	36.495	C.078	36.515	C.090
31.806	0.115	31.836	0.077	31.870	0.050	31.911	0.020	36.542	C.094	36.567	0.063	36.587	C.043	36.603	C.028
31.949	0.016	31.983	-0.010	32.004	0.005	32.024	0.005	36.702	0.028	36.720	C.016	36.736	C.000	36.760	-C.000
32.052	-0.029	32.082	-0.058	32.112	-0.082	32.140	-0.059	36.783	0.007	36.805	0.003	36.826	C.014	36.848	0.017
32.166	-0.059	32.189	-0.059	32.220	-0.059	32.244	-0.037	36.870	C.020	36.887	0.035	36.908	C.046	36.927	C.057
32.260	-0.018	32.285	-0.006	32.312	0.001	32.338	0.005	36.947	C.064	36.966	C.063	36.986	C.059	37.006	C.062
32.349	-0.018	32.374	-0.048	32.399	-0.056	32.420	-0.067	37.026	C.073	37.045	C.065	37.064	C.080	37.075	C.076
32.445	-0.071	32.469	-0.071	32.490	-0.071	32.511	-0.071	37.058	0.061	37.117	0.054	37.134	C.050	37.154	0.054
32.529	-0.071	32.551	-0.071	32.570	-0.071	32.589	-C.040	37.175	C.039	37.198	C.032	37.220	C.024	37.236	C.013
32.631	-0.010	32.631	0.009	32.649	0.032	32.669	0.054	37.255	C.006	37.270	-0.013	37.292	-0.036	37.309	-0.047
32.695	0.035	32.715	0.024	32.741	0.024	32.768	0.032	37.327	-0.068	37.346	-0.065	37.363	-C.069	37.382	-C.076
32.799	C.050	32.845	0.062	32.901	0.053	32.960	0.019	37.402	-C.068	37.421	-C.057	37.437	-C.045	37.456	-C.030
32.985	-0.011	33.006	-0.040	33.030	-0.013	33.043	-0.021	37.473	-C.037	37.500	-C.033	37.525	-C.043	37.548	-C.018
33.057	0.032	33.069	-0.040	33.087	-0.033	33.111	-0.018	37.570	0.001	37.592	C.024	37.618	-C.051	37.640	0.014
33.129	-C.003	33.151	0.012	33.171	0.030	33.191	0.030	37.661	0.066	37.688	0.078	37.709	C.066	37.744	C.074
33.208	0.041	33.228	0.060	33.251	0.059	33.267	0.071	37.776	0.079	37.802	0.087	37.825	0.083	37.850	C.057
33.282	0.071	33.298	0.074	33.312	0.059	33.327	0.059	37.871	C.038	37.892	C.024	37.916	C.009	37.940	C.009
33.342	0.047	33.360	0.051	33.373	0.040	33.392	0.043	37.963	C.002	37.992	C.006	38.022	C.022	38.045	0.033
33.411	0.047	33.429	0.050	33.448	0.065	33.465	0.058	38.074	C.003	38.101	C.030	38.126	C.019	38.151	C.015
33.445	C.065	33.503	0.057	33.520	0.049	33.539	0.053	38.178	C.000	38.201	C.000	38.226	C.004	38.252	-C.001
33.555	0.049	33.573	0.045	33.593	0.056	33.615	0.067	38.272	-C.009	38.297	-0.017	38.322	-0.025	38.345	0.025
33.636	0.082	33.658	0.078	33.677	0.085	33.700	C.080	38.374	-C.003	38.356	C.016	38.419	0.027	38.438	0.030
33.725	C.072	33.750	0.059	33.775	0.059	33.800	0.062	38.459	C.045	38.480	C.041	38.501	C.040	38.526	C.039
33.824	0.068	33.845	0.071	33.865	0.082	33.888	C.070	38.549	0.066	38.572	C.058	38.593	C.050	38.621	0.034
33.913	0.054	33.937	0.043	33.963	0.027	33.987	C.015	38.643	C.037	38.665	C.026	38.689	C.022	38.715	C.021
34.005	0.007	34.024	-0.009	34.046	-0.035	34.065	-0.062	38.745	0.017	38.770	0.017	38.791	C.009	38.813	-C.018
34.084	-0.078	34.104	-0.097	34.123	-0.116	34.144	-0.131	38.840	-0.037	38.870	-0.053	38.894	-0.064	38.921	-C.069
34.166	-0.158	34.187	-0.177	34.205	-0.173	34.230	-0.173	38.945	-0.057	38.970	-C.050	38.992	-C.032	39.014	-C.009
34.247	-C.180	34.269	-0.169	34.289	-0.150	34.312	-0.123	39.038	-0.006	39.059	C.005	39.080	C.005	39.100	C.016
34.333	-0.096	34.353	-0.078	34.376	-0.063	34.396	-0.059	39.123	0.012	39.146	C.005	39.168	-0.011	39.200	-0.015
34.417	-0.048	34.438	-0.021	34.456	-0.006	34.474	0.013	39.230	-0.011	39.253	-0.000	39.283	0.007	39.312	C.018
34.493	0.005	34.511	0.028	34.528	0.047	34.550	0.069	39.341	0.022	39.365	0.026	39.391	0.033	39.421	C.033
34.568	0.073	34.585	0.069	34.605	0.068	34.624	C.060	39.445	C.022	39.465	0.018	39.488	-C.001	39.512	-C.008
34.640	0.053	34.653	0.045	34.675	0.052	34.697	0.055	39.533	-0.012	39.560	-0.004	39.582	C.003	39.602	C.010
34.719	0.062	34.736	0.058	34.753	0.065	34.768	0.069	39.628	0.021	39.653	C.017	39.683	0.032	39.712	C.040
34.791	C.0791	34.815	0.072	34.838	0.068	34.860	0.064	39.736	0.032	39.756	C.013	39.783	C.024	39.809	C.020
34.880	-0.067	34.901	0.056	34.931	0.059	34.947	0.059	39.834	0.031	39.861	0.038	39.881	C.015	39.902	C.021
34.970	0.078	34.991	0.073	35.013	0.081	35.035	0.081	39.928	-0.001	39.955	-C.005	39.982	-C.005	40.007	C.002
35.053	C.073	35.072	0.069	35.095	0.058	35.115	0.046	40.028	0.002	40.047	-0.009	40.069	-C.002	40.085	-C.010

40.104	-0.021	40.120	-0.025	40.138	-0.017	40.157	-0.014	44.657	0.003	44.720	-0.008	44.736	-0.027	44.758	-0.034
40.180	-0.017	40.201	-0.006	40.223	0.013	40.246	0.028	44.779	-0.026	44.755	-0.026	44.820	-0.007	44.838	-0.000
40.266	0.046	40.290	0.061	40.308	0.053	40.328	0.064	44.864	-0.011	44.864	-0.015	44.905	-0.026	44.928	-0.015
40.348	0.035	40.370	0.055	40.392	0.039	40.413	0.035	44.953	-0.004	44.954	0.023	45.015	0.034	45.015	0.046
40.437	0.019	40.458	0.019	40.481	-0.005	40.507	-0.010	45.039	-0.051	45.052	0.057	45.074	0.057	45.092	0.057
40.531	-0.019	40.568	-0.012	40.568	-0.013	40.592	0.001	45.114	0.061	45.135	0.050	45.154	0.046	45.173	0.031
40.611	0.015	40.638	0.029	40.662	0.039	40.685	0.045	45.190	0.023	45.203	-0.008	45.223	-0.004	45.239	-0.015
40.710	0.056	40.729	0.055	40.747	0.051	40.766	0.043	45.256	-0.011	45.270	-0.011	45.286	-0.012	45.309	-0.019
40.785	0.031	40.814	0.053	40.841	0.079	40.863	0.097	45.332	-0.023	45.352	-0.020	45.371	-0.020	45.350	-0.016
40.880	0.168	40.899	0.089	40.926	0.066	40.950	0.039	45.412	-0.024	45.435	-0.024	45.455	-0.021	45.475	-0.013
40.970	0.028	40.990	0.028	41.008	0.036	41.029	0.029	45.457	-0.021	45.520	-0.025	45.537	-0.022	45.558	-0.011
41.044	0.029	41.065	0.018	41.088	0.006	41.110	-0.009	45.579	-0.015	45.603	-0.003	45.624	0.004	45.645	0.007
41.135	-0.001	41.153	-0.004	41.173	-0.004	41.194	-0.008	45.663	-0.000	45.682	-0.004	45.704	-0.008	45.724	-0.004
41.213	-0.004	41.232	-0.008	41.247	-0.004	41.267	-0.008	45.743	0.000	45.766	0.008	45.787	0.009	45.804	0.013
41.286	-0.008	41.306	-0.004	41.330	-0.011	41.352	-0.015	45.826	0.009	45.847	0.002	45.870	-0.013	45.892	-0.016
41.370	-0.026	41.388	-0.042	41.407	-0.031	41.425	-0.012	45.918	-0.039	45.944	-0.046	45.965	-0.042	45.985	-0.042
41.444	0.007	41.462	0.022	41.481	0.021	41.498	0.010	46.010	-0.031	46.025	-0.038	46.055	-0.027	46.074	-0.011
41.515	0.006	41.536	-0.010	41.552	-0.006	41.570	0.005	46.058	-0.015	46.120	-0.004	46.137	-0.007	46.155	-0.004
41.592	0.016	41.611	0.015	41.630	0.008	41.652	0.011	46.177	0.007	46.158	0.017	46.214	0.013	46.232	0.016
41.672	0.030	41.696	0.041	41.712	0.049	41.727	0.045	46.248	0.024	46.265	0.023	46.280	0.015	46.255	0.011
41.745	0.026	41.769	0.003	41.787	-0.020	41.804	-0.013	46.309	0.003	46.324	0.006	46.340	-0.002	46.356	0.001
41.826	-0.009	41.845	0.002	41.864	0.002	41.887	-0.005	46.372	0.009	46.390	0.008	46.410	0.016	46.425	0.015
41.903	-0.028	41.923	-0.047	41.943	-0.043	41.961	-0.035	46.441	0.004	46.462	-0.004	46.475	-0.012	46.494	-0.012
41.980	-0.031	42.003	-0.035	42.022	-0.031	42.039	-0.012	46.512	-0.013	46.532	-0.013	46.550	-0.017	46.565	-0.029
42.055	-0.001	42.075	0.014	42.097	0.029	42.121	0.040	46.579	-0.021	46.593	-0.025	46.609	-0.022	46.624	-0.018
42.142	0.063	42.162	0.059	42.183	0.058	42.203	0.073	46.638	-0.029	46.657	-0.026	46.673	-0.026	46.689	-0.026
42.227	0.069	42.253	0.069	42.278	0.068	42.295	0.080	46.705	-0.022	46.723	-0.022	46.741	-0.015	46.764	-0.022
42.316	0.083	42.334	0.060	42.357	0.052	42.377	0.029	46.787	-0.011	46.811	-0.030	46.839	-0.008	46.862	-0.007
42.399	0.051	42.425	0.058	42.450	0.057	42.465	0.046	46.877	0.007	46.899	0.018	46.921	0.033	46.933	0.037
42.489	0.045	42.510	0.037	42.534	0.041	42.556	0.033	46.955	0.036	46.966	0.033	46.980	0.036	46.959	0.028
42.577	0.036	42.593	0.017	42.611	-0.006	42.631	-0.033	47.020	0.017	47.033	0.005	47.046	-0.006	47.065	-0.010
42.652	-0.025	42.673	-0.022	42.694	-0.018	42.713	-0.030	47.087	-0.014	47.105	-0.018	47.130	-0.026	47.158	-0.030
42.733	-0.030	42.749	-0.046	42.767	-0.061	42.782	-0.057	47.174	-0.030	47.202	-0.019	47.217	-0.015	47.236	-0.000
42.801	-0.069	42.821	-0.069	42.842	-0.070	42.865	-0.063	47.255	-0.001	47.272	0.018	47.287	0.030	47.308	0.034
42.886	-0.063	42.902	-0.071	42.919	-0.071	42.942	-0.060	47.325	0.049	47.345	0.038	47.363	0.030	47.388	0.023
42.968	-0.057	42.990	-0.046	43.009	-0.062	43.030	-0.058	47.410	0.023	47.426	0.027	47.445	0.016	47.468	0.016
43.053	-0.048	43.072	-0.029	43.092	-0.022	43.114	-0.007	47.485	0.001	47.505	-0.003	47.524	-0.002	47.544	-0.006
43.137	-0.000	43.155	-0.012	43.179	-0.020	43.202	-0.010	47.560	0.002	47.580	-0.009	47.601	0.002	47.616	-0.002
43.227	0.005	43.257	0.031	43.285	0.038	43.310	0.049	47.633	0.006	47.657	0.021	47.675	0.025	47.658	0.022
43.329	0.022	43.347	0.030	43.368	0.060	43.389	0.082	47.718	0.022	47.735	0.010	47.761	0.010	47.779	0.006
43.407	0.093	43.431	0.089	43.459	0.074	43.483	0.058	47.795	0.006	47.813	-0.006	47.829	-0.010	47.842	-0.025
43.506	0.058	43.530	0.043	43.553	0.031	43.570	0.016	47.984	-0.017	48.004	-0.013	48.018	-0.006	48.036	-0.010
43.591	0.004	43.617	-0.007	43.638	-0.026	43.658	-0.046	48.055	-0.007	48.075	-0.004	48.093	-0.008	48.109	-0.004
43.680	-0.054	43.701	-0.061	43.719	-0.054	43.740	-0.054	48.124	-0.009	48.139	-0.013	48.156	-0.013	48.172	-0.025
43.761	-0.047	43.783	-0.036	43.804	-0.048	43.825	-0.041	48.190	-0.018	48.208	-0.018	48.228	-0.018	48.248	-0.018
43.843	-0.048	43.860	-0.056	43.875	-0.061	43.892	-0.069	48.263	-0.025	48.280	-0.033	48.296	-0.025	48.314	-0.018
43.915	-0.063	43.937	-0.045	43.957	-0.038	43.980	-0.024	48.338	-0.022	48.357	-0.022	48.377	-0.025	48.403	-0.014
44.006	-0.029	44.030	-0.023	44.050	-0.009	44.066	-0.002	48.420	-0.001	48.439	-0.002	48.460	-0.002	48.478	-0.002
44.081	-0.003	44.099	0.000	44.117	0.011	44.135	0.014	48.459	-0.001	48.520	-0.013	48.541	-0.005	48.560	-0.008
44.153	0.010	44.167	0.006	44.187	0.005	44.203	0.001	48.574	-0.001	48.592	-0.000	48.608	-0.008	48.624	-0.004
44.225	-0.007	44.241	-0.019	44.258	-0.027	44.278	-0.028	48.642	0.000	48.656	-0.001	48.671	0.001	48.687	0.016
44.299	-0.032	44.317	-0.029	44.338	-0.018	44.359	-0.003	48.705	0.020	48.725	0.037	48.741	0.031	48.759	0.028
44.378	0.013	44.397	0.020	44.417	0.024	44.436	0.028	48.776	0.036	48.793	0.028	48.820	0.017	48.838	0.021
44.458	-0.020	44.474	0.028	44.491	0.024	44.510	0.028	48.859	0.025	48.875	0.017	48.891	0.017	48.910	0.021
44.531	0.016	44.552	0.032	44.565	0.032	44.588	0.040								
44.610	0.029	44.629	0.025	44.656	0.018	44.678	0.010								

48.928	0.017	48.947	0.024	48.969	0.024	48.987	0.024	53.667	0.019	53.686	0.023	53.709	0.031	53.731	0.031
49.007	0.016	49.033	0.012	49.052	0.016	49.061	0.004	53.754	0.031	53.776	0.017	53.808	0.006	53.828	0.013
49.085	0.004	49.110	-0.000	49.129	-0.004	49.148	-0.005	53.851	-0.005	53.878	-0.016	53.901	-0.018	53.926	-0.027
49.167	-0.005	49.191	-0.017	49.209	-0.003	49.228	-0.003	53.957	-0.015	53.985	-0.019	54.007	-0.018	54.031	-0.018
49.247	-0.004	49.267	-0.004	49.287	-0.012	49.301	-0.009	54.053	-0.010	54.072	-0.010	54.094	-0.014	54.114	-0.018
49.324	-0.009	49.342	-0.006	49.363	-0.006	49.385	-0.005	54.133	-0.014	54.154	-0.003	54.178	-0.003	54.199	-0.001
49.403	-0.002	49.422	-0.010	49.442	-0.010	49.458	-0.010	54.218	-0.016	54.236	-0.000	54.258	-0.003	54.280	-0.000
49.479	-0.011	49.499	-0.003	49.520	0.000	49.542	-0.004	54.301	0.004	54.325	-0.007	54.349	0.001	54.370	-0.007
49.565	0.004	49.587	0.007	49.599	0.004	49.616	-0.000	54.353	0.001	54.375	0.002	54.397	-0.001	54.421	-0.005
49.633	0.003	49.650	0.007	49.668	0.003	49.688	-0.009	54.475	-0.009	54.501	0.002	54.522	-0.001	54.547	-0.005
49.705	-0.001	49.723	-0.001	49.742	-0.013	49.767	-0.009	54.571	-0.000	54.588	-0.004	54.607	0.001	54.627	-0.006
49.791	-0.002	49.812	-0.010	49.831	-0.011	49.852	-0.007	54.652	-0.010	54.681	-0.009	54.702	-0.012	54.725	-0.004
49.874	-0.012	49.892	-0.012	49.910	-0.005	49.929	-0.002	54.743	0.000	54.760	0.000	54.781	-0.003	54.802	-0.007
49.951	-0.010	49.971	-0.007	49.991	-0.003	50.012	0.004	54.814	-0.007	54.837	-0.018	54.858	-0.026	54.875	-0.025
50.033	0.007	50.048	0.003	50.071	0.010	50.096	0.010	54.899	-0.033	54.915	-0.033	54.941	-0.021	54.962	-0.036
50.118	0.013	50.148	0.024	50.172	0.024	50.200	0.023	54.982	-0.036	55.004	-0.033	55.022	-0.026	55.051	-0.030
50.223	0.015	50.247	0.015	50.271	0.026	50.289	0.019	55.052	-0.030	55.064	-0.026	55.077	-0.026	55.091	-0.030
50.306	0.026	50.321	0.018	50.341	0.018	50.363	0.010	55.102	-0.023	55.112	-0.023	55.121	-0.015	55.146	-0.011
50.382	0.010	50.402	0.003	50.420	0.002	50.437	0.006	55.155	-0.001	55.233	-0.000	55.288	-0.005	55.336	-0.012
50.458	0.013	50.471	0.010	50.490	0.032	50.508	0.036	55.344	-0.022	55.458	-0.024	55.498	-0.027	55.530	-0.033
50.522	0.002	50.540	0.017	50.562	0.009	50.583	-0.002	55.558	-0.034	55.572	-0.020	55.587	-0.009	55.610	-0.003
50.607	0.002	50.627	0.001	50.649	0.005	50.668	0.001	55.628	-0.015	55.646	0.033	55.667	0.044	55.692	0.058
50.697	-0.014	50.727	-0.010	50.745	-0.010	50.763	0.005	55.720	0.060	55.737	0.071	55.759	0.073	55.792	0.076
50.789	0.016	50.809	0.020	50.832	0.020	50.862	0.004	55.827	0.066	55.860	0.057	55.904	0.044	55.945	0.045
50.887	0.008	50.905	0.004	50.923	0.008	50.951	0.007	55.979	0.045	56.016	0.037	56.048	0.003	56.079	0.021
50.969	0.003	50.989	-0.005	51.008	-0.009	51.030	-0.017	56.101	0.014	56.118	0.006	56.146	-0.009	56.184	-0.005
51.051	-0.025	51.077	-0.029	51.098	-0.033	51.123	-0.045	56.215	-0.003	56.232	-0.001	56.272	-0.005	56.303	-0.004
51.148	-0.046	51.170	-0.038	51.192	-0.031	51.218	-0.028	56.339	-0.004	56.352	-0.003	56.406	-0.003	56.440	-0.000
51.242	-0.028	51.270	-0.029	51.291	-0.029	51.316	-0.033	56.465	0.004	56.495	0.000	56.524	0.008	56.555	0.016
51.341	-0.030	51.366	-0.023	51.396	-0.019	51.411	-0.015	56.562	0.019	56.604	0.023	56.626	0.019	56.660	0.022
51.432	-0.019	51.454	-0.012	51.469	-0.012	51.493	-0.019	56.656	0.021	56.722	0.013	56.755	0.005	56.788	-0.003
51.515	-0.016	51.536	-0.019	51.566	-0.012	51.595	-0.020	56.823	-0.004	56.864	-0.009	56.897	-0.014	56.942	-0.007
51.610	-0.039	51.625	-0.035	51.644	-0.043	51.665	-0.036	56.982	-0.016	57.036	-0.009	57.084	-0.003	57.136	-0.003
51.689	-0.017	51.714	-0.006	51.738	0.002	51.760	0.005	57.173	-0.004	57.195	0.003	57.228	0.010	57.263	0.009
51.782	0.009	51.799	0.013	51.819	0.024	51.841	0.035	57.304	0.008	57.337	0.015	57.368	0.014	57.409	0.009
51.857	0.038	51.878	0.057	51.895	0.057	51.910	0.037	57.440	0.013	57.473	0.016	57.500	0.008	57.532	0.007
51.927	0.064	51.945	0.068	51.966	0.067	51.985	0.063	57.557	0.007	57.578	-0.001	57.610	-0.005	57.626	-0.002
52.003	0.071	52.029	0.063	52.052	0.047	52.075	0.043	57.642	0.022	57.778	0.021	57.806	0.013	57.840	0.026
52.103	0.020	52.129	0.016	52.152	0.004	52.173	-0.000	57.746	0.022	57.936	0.027	57.975	0.022	58.023	0.020
52.189	-0.008	52.215	-0.012	52.238	-0.016	52.257	-0.032	57.893	0.028	57.936	0.020	58.174	0.016	58.214	0.009
52.274	-0.021	52.289	-0.021	52.309	-0.022	52.326	-0.014	58.067	0.013	58.123	0.009	58.328	0.002	58.356	-0.001
52.347	-0.003	52.367	-0.000	52.386	-0.000	52.412	0.007	58.260	0.019	58.302	0.005	58.358	0.011	58.471	0.014
52.434	0.002	52.455	-0.006	52.476	0.005	52.502	0.001	58.366	0.003	58.409	0.007	58.438	0.011	58.471	0.014
52.533	-0.003	52.562	-0.003	52.579	-0.011	52.596	-0.019	58.454	0.014	58.525	0.014	58.568	0.010	58.605	0.010
52.616	-0.030	52.638	-0.042	52.656	-0.046	52.680	-0.050	58.635	0.009	58.660	0.005	58.684	0.009	58.708	0.008
52.699	-0.046	52.720	-0.050	52.741	-0.054	52.765	-0.038	58.731	0.008	58.754	0.004	58.777	0.000	58.794	-0.004
52.786	-0.034	52.809	-0.031	52.833	-0.019	52.852	-0.027	58.811	-0.004	58.836	-0.001	58.862	0.002	58.881	0.002
52.872	-0.015	52.895	-0.007	52.918	-0.004	52.940	0.000	58.907	-0.002	58.934	-0.006	58.958	-0.007	58.984	-0.008
52.959	0.008	52.972	0.012	52.989	0.027	53.009	0.020	59.015	-0.005	59.046	-0.001	59.079	0.005	59.107	0.005
53.035	0.012	53.069	0.013	53.095	-0.002	53.114	-0.002	59.129	0.004	59.159	0.004	59.191	0.007	59.225	0.010
53.137	-0.006	53.163	-0.013	53.187	-0.017	53.207	-0.013	59.261	0.013	59.303	0.012	59.341	0.019	59.374	0.022
53.225	-0.017	53.247	-0.021	53.268	-0.029	53.289	-0.040	59.411	0.035	59.432	0.032	59.463	0.028	59.491	0.036
53.313	-0.036	53.328	-0.036	53.349	-0.029	53.374	-0.018	59.498	0.031	59.522	0.031	59.545	0.058	59.572	0.062
53.398	-0.029	53.427	-0.029	53.448	-0.026	53.475	-0.022	59.604	0.062	59.637	0.062	59.661	0.059	59.684	0.055
53.456	-0.019	53.519	-0.015	53.544	-0.000	53.564	-0.004	59.705	0.055	59.726	0.051	59.750	0.048	59.775	0.040
53.563	-0.000	53.604	0.007	53.625	0.018	53.649	0.015	59.801	0.029	59.824	0.021	59.855	0.018	59.884	0.003

59.968	-0.001	59.934	-0.001	59.959	-0.001	59.987	-0.001	65.628	0.015	65.651	0.007	65.669	0.011	65.657	0.006
60.018	-0.001	60.047	-0.001	60.072	-0.002	60.095	0.006	65.720	0.002	65.740	0.002	65.762	0.002	65.786	0.013
60.121	0.006	60.149	0.006	60.173	0.005	60.194	0.002	65.810	0.016	65.832	0.016	65.859	0.012	65.882	0.004
60.215	0.005	60.241	0.001	60.260	-0.003	60.283	-0.010	65.909	0.004	65.937	0.007	66.006	0.015	66.065	0.017
60.302	-0.014	60.319	0.022	60.342	-0.029	60.359	-0.037	66.132	0.038	66.172	0.031	66.183	0.031	66.198	0.024
60.383	-0.040	60.398	-0.048	60.418	-0.048	60.446	-0.056	66.213	0.016	66.231	0.016	66.243	0.016	66.260	0.009
60.471	-0.052	60.495	-0.056	60.519	-0.044	60.538	-0.033	66.275	0.009	66.283	0.009	66.295	0.001	66.305	0.001
60.557	-0.037	60.578	-0.033	60.600	-0.025	60.619	-0.018	66.324	0.001	66.337	0.001	66.354	0.001	66.368	0.001
60.641	0.001	60.662	0.009	60.685	0.020	60.709	0.028	66.382	-0.006	66.398	-0.006	66.413	-0.010	66.431	-0.014
60.738	0.036	60.767	0.036	60.792	0.036	60.815	0.040	66.449	-0.014	66.465	-0.010	66.481	-0.006	66.505	0.009
60.847	0.048	60.878	0.052	60.910	0.044	60.926	0.045	66.523	0.005	66.546	0.003	66.566	0.003	66.581	0.003
60.944	0.033	60.968	0.034	60.994	0.034	61.022	0.030	66.602	0.005	66.624	0.009	66.645	0.013	66.665	0.016
61.042	0.031	61.069	0.031	61.094	0.027	61.122	0.027	66.687	0.024	66.707	0.028	66.721	0.032	66.752	0.035
61.147	0.016	61.175	0.016	61.200	0.028	61.222	0.032	66.771	0.035	66.792	0.039	66.812	0.043	66.834	0.047
61.253	0.032	61.282	0.032	61.309	0.024	61.333	0.020	66.857	0.058	66.879	0.062	66.900	0.062	66.923	0.062
61.358	0.009	61.387	0.001	61.417	0.001	61.438	-0.010	66.948	0.062	66.971	0.058	67.000	0.054	67.028	0.050
61.462	-0.003	61.482	0.001	61.502	-0.006	61.523	-0.010	67.036	0.046	67.053	0.041	67.067	0.037	67.085	0.037
61.550	-0.018	61.573	-0.022	61.597	-0.033	61.617	-0.033	67.101	0.037	67.115	0.037	67.135	0.029	67.154	0.029
61.635	-0.033	61.655	-0.033	61.666	-0.022	61.684	-0.026	67.172	0.024	67.191	0.024	67.209	0.019	67.228	0.015
61.717	-0.019	61.733	-0.015	61.759	-0.019	61.780	-0.024	67.248	0.010	67.270	0.002	67.286	0.001	67.311	0.001
61.798	-0.020	61.815	-0.020	61.835	-0.021	61.857	-0.014	67.327	-0.000	67.351	-0.008	67.369	-0.016	67.394	-0.024
61.878	-0.010	61.902	-0.011	61.928	0.004	61.948	0.015	67.413	-0.024	67.432	-0.024	67.453	-0.025	67.472	-0.025
61.987	0.010	62.018	0.002	62.040	0.009	62.065	0.020	67.491	-0.025	67.511	-0.025	67.534	-0.022	67.556	-0.022
62.091	0.023	62.119	0.027	62.152	0.030	62.181	0.038	67.582	-0.022	67.605	-0.026	67.628	-0.026	67.649	-0.030
62.214	0.045	62.237	0.045	62.258	0.052	62.277	0.052	67.668	-0.030	67.689	-0.026	67.705	-0.026	67.727	-0.026
62.305	0.068	62.334	0.060	62.367	0.060	62.395	0.049	67.750	-0.027	67.777	-0.012	67.802	-0.008	67.824	-0.000
62.420	0.041	62.449	0.033	62.480	0.026	62.512	0.018	67.847	0.007	67.874	0.018	67.895	0.014	67.922	0.018
62.537	0.014	62.568	0.014	62.589	0.007	62.609	0.022	67.945	0.022	67.974	0.018	67.995	0.011	68.019	0.014
62.634	0.007	62.661	0.018	62.684	0.014	62.705	0.022	68.050	0.026	68.072	0.041	68.093	0.041	68.113	0.041
62.727	0.014	62.750	0.007	62.780	0.014	62.810	0.021	68.135	0.048	68.168	0.048	68.189	0.044	68.209	0.040
62.853	0.025	62.888	0.020	62.926	0.031	62.957	0.019	68.232	0.040	68.258	0.033	68.283	0.033	68.302	0.029
62.976	0.042	63.013	0.030	63.055	0.029	63.081	0.021	68.323	0.025	68.338	0.014	68.365	0.014	68.386	0.014
63.111	0.013	63.156	0.009	63.191	-0.007	63.225	0.004	68.405	0.014	68.416	0.010	68.431	-0.005	68.448	-0.013
63.256	-0.004	63.280	-0.004	63.311	0.004	63.346	0.007	68.455	-0.013	68.473	-0.020	68.492	-0.020	68.510	-0.020
63.377	-0.001	63.409	0.007	63.437	0.004	63.462	0.000	68.530	-0.024	68.552	-0.016	68.576	-0.012	68.598	-0.012
63.493	0.001	63.524	0.001	63.558	-0.006	63.585	-0.010	68.624	-0.004	68.648	0.000	68.673	0.004	68.701	0.004
63.613	-0.006	63.653	-0.005	63.685	-0.009	63.712	-0.017	68.725	0.004	68.749	0.005	68.780	0.005	68.803	0.005
63.734	-0.013	63.767	-0.006	63.790	-0.002	63.815	0.005	68.826	0.005	68.851	0.005	68.880	0.001	68.900	0.000
63.843	0.001	63.869	0.017	63.900	0.021	63.932	0.040	68.924	-0.000	68.946	-0.002	68.969	0.003	68.991	0.010
63.959	0.033	63.986	0.041	64.009	0.041	64.037	0.046	69.017	-0.002	69.043	-0.002	69.068	-0.003	69.095	-0.003
64.059	0.050	64.082	0.043	64.104	0.043	64.136	0.039	69.119	0.000	69.152	0.004	69.176	0.004	69.201	0.004
64.163	0.039	64.200	0.039	64.229	0.043	64.257	0.043	69.228	0.008	69.254	0.019	69.280	0.019	69.303	0.020
64.236	0.050	64.326	0.054	64.353	0.061	64.383	0.061	69.328	0.024	69.357	0.028	69.387	0.028	69.415	0.028
64.419	0.057	64.434	0.057	64.451	0.057	64.473	0.056	69.438	0.028	69.464	0.028	69.488	0.024	69.514	0.024
64.454	0.052	64.515	0.048	64.546	0.032	64.573	0.020	69.544	0.024	69.576	0.028	69.600	0.032	69.624	0.039
64.599	0.012	64.620	0.012	64.646	0.000	64.669	-0.000	69.652	0.039	69.673	0.043	69.703	0.043	69.726	0.039
64.690	-0.008	64.713	-0.001	64.734	-0.005	64.756	-0.001	69.758	0.027	69.786	0.023	69.811	0.023	69.840	0.023
64.789	-0.005	64.813	-0.001	64.848	0.002	64.879	0.006	69.862	0.027	69.889	0.026	69.911	0.026	69.939	0.025
64.909	0.009	64.934	0.005	64.954	0.001	64.976	0.001	69.963	0.021	69.987	0.024	70.015	0.024	70.048	0.023
64.997	0.000	65.023	0.000	65.044	0.008	65.066	0.012	70.075	0.022	70.104	0.021	70.124	0.021	70.141	0.017
65.086	0.012	65.109	0.009	65.127	0.005	65.145	0.017	70.155	0.005	70.174	0.005	70.190	0.005	70.211	0.004
65.167	0.009	65.189	-0.002	65.214	-0.001	65.236	-0.004	70.228	0.004	70.245	0.004	70.266	0.003	70.285	0.003
65.267	0.006	65.289	0.006	65.311	0.006	65.335	0.013	70.304	-0.005	70.322	-0.005	70.342	-0.006	70.366	-0.007
65.356	0.017	65.379	0.020	65.405	0.027	65.425	0.034	70.386	-0.007	70.414	-0.008	70.439	-0.008	70.465	0.003
65.449	0.037	65.472	0.025	65.492	0.025	65.521	0.021	70.453	0.002	70.516	0.004	70.544	0.022	70.573	0.033
65.541	0.020	65.560	0.020	65.581	0.008	65.607	0.008	70.602	0.031	70.625	0.030	70.655	0.030	70.683	0.025



70.716	0.024	70.738	0.028	70.763	0.027	70.789	0.023	76.452	0.007	76.478	0.006	76.505	0.002	76.536	0.002
70.814	0.018	70.841	0.007	70.866	0.003	70.891	0.012	76.564	0.002	76.636	-0.003	76.635	-0.007	76.664	-0.007
70.919	0.012	70.950	0.012	70.978	0.003	71.001	0.016	76.655	-0.008	76.727	-0.008	76.758	-0.009	76.786	-0.009
71.028	0.020	71.049	0.024	71.071	0.024	71.095	0.024	76.821	-0.010	76.855	-0.004	76.879	0.011	76.912	0.014
71.120	0.020	71.143	0.017	71.170	0.017	71.193	0.013	76.938	0.018	76.967	0.017	76.999	0.028	77.027	0.020
71.216	0.013	71.237	0.002	71.260	0.002	71.286	0.002	77.052	0.024	77.077	0.024	77.106	0.028	77.126	0.024
71.309	0.009	71.330	0.020	71.351	0.020	71.372	0.028	77.156	0.024	77.173	0.024	77.179	0.016	77.182	0.016
71.400	0.023	71.429	0.023	71.457	0.019	71.477	0.019	77.186	0.016	77.188	0.015	77.212	0.007	77.232	0.007
71.502	0.019	71.522	0.019	71.535	0.018	71.547	0.018	77.251	0.007	77.269	0.004	77.287	0.004	77.306	0.005
71.566	0.018	71.584	0.014	71.602	0.014	71.618	0.010	77.324	0.001	77.339	0.001	77.353	0.002	77.371	0.002
71.719	0.002	71.739	0.006	71.761	0.010	71.783	0.010	77.390	0.002	77.405	0.002	77.420	0.003	77.440	0.003
71.801	0.010	71.820	0.009	71.837	0.009	71.855	0.005	77.454	0.003	77.472	0.003	77.487	0.003	77.500	0.004
71.882	0.005	71.907	0.005	71.928	0.005	71.951	0.005	77.520	0.004	77.546	0.004	77.563	0.004	77.580	0.004
71.965	0.005	71.983	0.001	72.006	0.003	72.029	0.003	77.602	0.005	77.623	0.001	77.644	0.001	77.666	0.001
72.049	0.002	72.068	0.002	72.089	0.006	72.112	0.010	77.684	0.001	77.705	0.001	77.721	0.001	77.742	0.001
72.132	0.018	72.152	0.023	72.171	0.023	72.198	0.023	77.758	0.001	77.778	0.001	77.808	0.001	77.826	0.005
72.222	0.023	72.244	0.023	72.277	0.024	72.298	0.020	77.849	0.009	77.872	0.008	77.898	0.012	77.920	0.012
72.326	0.021	72.345	0.021	72.364	0.022	72.384	0.022	77.941	0.008	77.973	0.000	77.995	-0.007	78.027	-0.012
72.405	0.022	72.424	0.019	72.459	0.020	72.481	0.022	78.058	-0.012	78.068	-0.012	78.087	-0.016	78.105	-0.020
72.504	0.020	72.531	0.021	72.549	0.021	72.571	0.022	78.131	-0.020	78.154	-0.020	78.178	-0.021	78.201	-0.021
72.555	0.018	72.623	0.015	72.656	0.015	72.687	0.016	78.225	-0.021	78.248	-0.021	78.273	-0.021	78.298	-0.021
72.707	0.005	72.723	0.005	72.746	0.005	72.771	0.005	78.331	-0.022	78.356	-0.014	78.387	-0.014	78.411	-0.014
72.758	0.006	72.819	0.002	72.847	0.002	72.868	0.002	78.432	-0.006	78.453	-0.006	78.479	-0.003	78.503	-0.003
72.882	0.002	72.926	0.003	72.952	0.003	72.977	0.003	78.523	-0.003	78.547	-0.003	78.571	-0.003	78.593	-0.003
73.006	0.003	73.031	0.003	73.059	0.004	73.087	0.003	78.617	-0.003	78.642	-0.003	78.660	-0.003	78.688	-0.003
73.133	0.005	73.138	0.006	73.168	0.007	73.195	0.008	78.710	-0.006	78.735	-0.006	78.762	-0.003	78.793	-0.003
73.221	0.009	73.249	0.010	73.274	0.011	73.300	0.016	78.827	-0.003	78.858	-0.003	78.885	-0.003	78.911	-0.003
73.327	0.020	73.354	0.021	73.382	0.025	73.405	0.029	78.938	-0.006	78.969	-0.006	78.997	-0.014	79.024	-0.014
73.431	0.022	73.450	0.011	73.478	0.015	73.508	0.016	79.052	-0.013	79.086	-0.013	79.119	-0.014	79.155	-0.014
73.538	0.012	73.578	0.012	73.614	0.012	73.644	0.012	79.150	-0.013	79.220	-0.012	79.249	-0.002	79.266	-0.006
73.675	0.012	73.696	0.012	73.723	0.012	73.739	0.016	79.288	0.012	79.403	0.012	79.423	0.012	79.446	0.012
73.756	0.016	73.778	0.012	73.756	0.009	73.816	0.005	79.470	0.012	79.489	0.012	79.510	0.012	79.530	0.013
73.834	0.001	73.857	0.001	73.877	0.002	73.904	0.002	79.556	0.013	79.584	0.013	79.614	0.016	79.641	0.016
73.931	0.002	73.958	0.002	73.979	0.002	74.007	0.002	79.664	0.016	79.688	0.016	79.711	0.020	79.727	0.026
74.031	0.002	74.060	0.001	74.086	0.001	74.115	0.001	79.748	0.032	79.771	0.032	79.791	0.032	79.812	0.020
74.141	0.001	74.167	0.008	74.157	0.004	74.229	0.004	79.830	0.020	79.850	0.012	79.869	0.012	79.887	0.012
74.257	0.003	74.281	0.001	74.309	0.005	74.339	0.012	79.909	0.011	79.925	0.004	79.943	0.003	79.970	0.002
74.365	0.016	74.396	0.016	74.423	0.005	74.448	0.004	79.987	-0.002	80.008	-0.011	80.028	-0.011	80.047	-0.012
74.472	0.004	74.495	0.004	74.526	0.000	74.551	0.000	80.068	-0.013	80.050	-0.013	80.114	-0.017	80.140	-0.018
74.575	0.001	74.603	0.005	74.628	0.005	74.663	0.010	80.159	-0.018	80.185	-0.018	80.207	-0.018	80.231	-0.018
74.702	0.011	74.724	0.004	74.769	0.020	74.795	0.032	80.256	-0.018	80.279	-0.018	80.307	-0.018	80.328	-0.014
74.826	0.033	74.858	0.034	74.885	0.035	74.918	0.036	80.353	-0.003	80.375	0.009	80.356	0.009	80.425	0.009
74.950	0.036	74.979	0.037	75.008	0.026	75.034	0.027	80.445	0.009	80.467	0.009	80.486	0.009	80.514	0.009
75.058	0.023	75.089	0.005	75.125	0.002	75.161	0.005	80.541	0.009	80.563	0.009	80.581	0.009	80.602	0.009
75.191	0.012	75.210	0.019	75.240	0.022	75.264	0.025	80.625	0.009	80.645	0.009	80.672	0.009	80.696	0.001
75.288	0.028	75.313	0.028	75.345	0.031	75.376	0.030	80.719	0.001	80.746	0.001	80.773	0.001	80.754	0.001
75.411	0.033	75.449	0.033	75.477	0.029	75.508	0.021	80.821	0.001	80.852	0.005	80.869	0.005	80.883	0.005
75.541	0.020	75.572	0.008	75.602	0.000	75.638	0.011	80.967	0.005	80.982	0.005	80.956	0.005	80.945	0.005
75.668	0.015	75.706	0.023	75.727	0.024	75.760	0.017	81.035	0.005	81.052	0.005	81.066	0.005	81.084	0.004
75.916	0.005	75.943	0.007	75.971	0.012	76.004	0.016	81.104	0.004	81.127	0.004	81.149	0.004	81.172	0.003
76.038	0.018	76.066	0.018	76.095	0.019	76.129	0.023	81.190	0.007	81.212	0.004	81.228	0.004	81.245	0.010
76.154	0.020	76.185	0.016	76.212	0.017	76.239	0.021	81.271	0.010	81.284	0.009	81.302	0.025	81.321	0.024
76.267	0.021	76.294	0.017	76.308	0.016	76.334	0.016	81.341	0.028	81.362	0.028	81.384	0.028	81.406	0.028
76.355	0.016	76.377	0.015	76.399	0.015	76.428	0.011	81.423	0.028	81.442	0.028	81.462	0.028	81.480	0.028

81.503	0.028	81.524	0.028	81.547	0.028	81.564	0.028	86.320	0.002	86.347	0.001	86.371	0.000	86.356	-0.000
81.583	0.032	81.612	0.032	81.622	0.032	81.651	0.020	86.422	0.006	86.447	0.017	86.478	0.012	86.504	0.012
81.679	0.005	81.698	0.005	81.721	0.005	81.745	0.009	86.530	0.007	86.554	0.006	86.585	0.006	86.613	0.002
81.767	0.009	81.792	0.005	81.816	0.001	81.839	0.001	86.637	-0.002	86.663	-0.002	86.685	-0.006	86.711	-0.010
81.862	0.001	81.883	0.001	81.907	0.001	81.919	0.001	86.737	-0.014	86.761	-0.006	86.786	0.001	86.808	0.013
81.939	0.001	81.952	0.009	81.967	0.013	81.987	0.020	86.831	0.005	86.856	0.005	86.883	0.005	86.902	0.005
82.008	0.020	82.029	0.020	82.048	0.020	82.071	0.024	86.922	0.005	86.943	0.009	86.965	0.009	86.980	0.009
82.088	0.028	82.109	0.028	82.131	0.024	82.151	0.024	87.009	0.009	87.038	0.009	87.064	0.009	87.089	0.016
82.165	0.024	82.183	0.024	82.202	0.024	82.219	0.024	87.112	0.009	87.131	0.008	87.156	0.016	87.179	0.016
82.241	0.016	82.258	0.009	82.288	0.012	82.310	0.012	87.159	0.015	87.172	0.015	87.191	0.015	87.217	0.015
82.324	0.012	82.331	0.012	82.344	0.016	82.362	0.016	87.269	0.014	87.294	0.006	87.320	0.002	87.345	-0.002
82.381	0.012	82.395	0.012	82.411	0.008	82.428	0.004	87.373	-0.003	87.400	-0.003	87.438	-0.004	87.455	-0.002
82.447	-0.001	82.468	-0.001	82.490	-0.001	82.508	-0.001	87.477	0.007	87.498	0.007	87.526	0.006	87.547	0.006
82.535	0.002	82.550	0.002	82.569	0.002	82.589	0.006	87.571	0.005	87.592	0.005	87.627	0.006	87.644	0.003
82.611	-0.010	82.631	-0.010	82.650	-0.010	82.667	-0.010	87.666	0.006	87.684	0.006	87.722	0.006	87.740	0.005
82.686	-0.003	82.705	0.001	82.722	0.016	82.744	0.016	87.761	0.005	87.781	0.001	87.795	0.001	87.817	0.001
82.764	0.016	82.787	0.016	82.810	0.016	82.835	0.020	87.839	0.001	87.860	0.001	87.881	0.001	87.904	0.001
82.857	0.020	82.879	0.020	82.902	0.024	82.920	0.024	87.930	-0.001	87.936	-0.002	87.950	-0.003	87.961	-0.000
82.936	0.024	82.955	0.024	82.980	0.024	82.997	0.028	87.975	0.002	87.982	0.005	87.991	0.004	87.998	0.011
83.014	0.032	83.036	0.032	83.060	0.032	83.079	0.027	88.005	0.006	88.018	0.003	88.030	0.001	88.041	0.001
83.098	0.027	83.122	0.026	83.141	0.026	83.159	0.026	88.060	-0.000	88.080	-0.001	88.102	0.000	88.117	0.001
83.175	0.025	83.195	0.025	83.214	0.024	83.233	0.020	88.133	0.002	88.153	0.002	88.163	0.002	88.175	0.003
83.255	0.019	83.288	0.017	83.307	0.012	83.327	0.008	88.193	0.007	88.210	0.007	88.232	0.008	88.250	0.008
83.350	0.007	83.368	0.006	83.380	0.006	83.396	0.005	88.271	0.000	88.288	-0.003	88.308	-0.003	88.327	-0.003
83.409	0.005	83.428	0.004	83.441	-0.000	83.461	-0.001	88.345	-0.007	88.368	-0.014	88.389	-0.014	88.405	-0.018
83.480	-0.005	83.498	-0.006	83.520	-0.006	83.546	0.006	88.421	-0.018	88.442	-0.014	88.472	-0.014	88.496	-0.010
83.560	-0.006	83.585	-0.006	83.602	-0.006	83.617	-0.010	88.517	-0.010	88.537	-0.014	88.559	-0.014	88.581	-0.014
83.638	-0.010	83.653	-0.010	83.676	-0.014	83.699	-0.014	88.602	-0.014	88.621	-0.014	88.650	-0.010	88.671	-0.010
83.723	-0.015	83.748	-0.015	83.769	-0.015	83.788	-0.015	88.697	-0.010	88.715	-0.010	88.736	-0.010	88.762	-0.010
83.811	-0.019	83.836	-0.019	83.861	-0.020	83.890	-0.021	88.786	-0.010	88.802	-0.010	88.833	-0.014	88.856	-0.022
83.924	-0.021	83.945	-0.014	83.974	-0.015	84.017	-0.016	88.875	-0.022	88.885	-0.022	88.914	-0.022	88.930	-0.022
84.035	0.003	84.060	0.006	84.084	0.006	84.108	0.009	88.951	-0.014	88.968	-0.014	88.986	-0.014	89.008	-0.014
84.134	0.013	84.158	0.013	84.178	0.013	84.196	0.013	89.027	-0.010	89.052	-0.010	89.071	-0.003	89.092	-0.003
84.215	0.013	84.238	0.013	84.260	0.013	84.288	0.013	89.116	-0.003	89.136	-0.003	89.159	-0.003	89.167	-0.007
84.317	0.028	84.328	0.032	84.346	0.032	84.369	0.032	89.182	-0.003	89.201	-0.003	89.217	-0.004	89.236	-0.004
84.394	0.032	84.421	0.028	84.445	0.024	84.469	0.024	89.254	-0.004	89.278	-0.004	89.300	-0.004	89.321	-0.004
84.500	0.020	84.524	0.013	84.547	0.013	84.569	0.012	89.341	-0.004	89.359	-0.012	89.377	-0.012	89.395	-0.012
84.584	0.012	84.622	0.012	84.638	0.012	84.655	0.012	89.412	-0.012	89.438	-0.012	89.459	-0.019	89.477	-0.019
84.675	0.011	84.697	0.015	84.720	0.022	84.745	0.018	89.501	-0.019	89.511	-0.015	89.526	-0.015	89.542	-0.015
84.781	0.010	84.787	0.009	84.811	0.002	84.837	-0.006	89.561	-0.015	89.584	-0.011	89.604	-0.014	89.622	-0.014
84.883	0.009	84.896	0.009	84.928	0.008	84.949	0.008	89.649	-0.014	89.663	-0.025	89.681	-0.025	89.694	-0.022
84.982	0.015	85.009	0.011	85.048	0.010	85.077	0.010	89.717	-0.014	89.738	-0.014	89.758	-0.014	89.768	-0.014
85.114	0.009	85.129	0.008	85.154	0.008	85.182	0.007	89.780	-0.018	89.795	-0.018	89.812	-0.018	89.834	-0.017
85.214	0.010	85.248	0.013	85.275	0.013	85.306	0.012	89.855	-0.017	89.866	-0.017	89.886	-0.017	89.939	-0.016
85.312	0.012	85.323	0.008	85.338	0.001	85.359	0.004	89.970	-0.016	89.983	-0.016	90.011	-0.015	90.031	-0.015
85.381	0.004	85.406	0.003	85.426	0.003	85.444	-0.001	90.055	-0.015	90.077	-0.014	90.103	-0.014	90.125	-0.014
85.469	-0.001	85.490	-0.002	85.509	-0.002	85.533	-0.002	90.146	-0.015	90.167	-0.018	90.185	-0.018	90.202	-0.018
85.549	-0.002	85.567	-0.010	85.593	-0.014	85.615	-0.015	90.217	-0.018	90.245	-0.018	90.270	-0.018	90.303	-0.018
85.639	-0.015	85.661	-0.015	85.681	-0.016	85.709	-0.016	90.336	-0.018	90.361	-0.018	90.394	-0.019	90.415	-0.019
85.733	-0.016	85.754	-0.016	85.772	-0.024	85.795	-0.021	90.437	-0.020	90.475	-0.013	90.495	-0.013	90.508	-0.013
85.819	-0.028	85.839	-0.017	85.859	-0.002	85.880	-0.002	90.529	-0.017	90.562	-0.017	90.592	-0.014	90.610	-0.014
85.900	-0.002	85.922	-0.002	85.942	-0.003	85.963	-0.003	90.633	-0.010	90.650	-0.010	90.669	-0.010	90.692	-0.014
85.976	-0.003	85.992	-0.003	86.014	-0.003	86.036	-0.003	90.712	-0.014	90.737	-0.010	90.765	-0.010	90.793	-0.010
86.057	-0.003	86.074	-0.003	86.094	-0.003	86.111	-0.014	90.828	-0.010	90.861	-0.006	90.884	-0.006	90.908	-0.006
86.137	-0.015	86.162	-0.015	86.184	-0.015	86.207	-0.015	90.948	-0.006	90.981	-0.006	91.002	-0.006	91.018	-0.006
86.231	-0.016	86.254	-0.016	86.276	-0.013	86.299	-0.006	91.040	-0.006	91.064	-0.014	91.087	-0.014	91.107	-0.018

91.132	-0.018	91.163	-0.018	91.183	-0.018	91.210	-0.018	96.074	-0.038	96.098	-0.034	96.114	-0.023	96.129	-0.023
91.228	-0.018	91.253	-0.018	91.275	-0.025	91.292	-0.025	96.147	-0.024	96.168	-0.032	96.190	-0.032	96.208	-0.032
91.311	-0.025	91.341	-0.025	91.356	-0.025	91.375	-0.025	96.224	-0.033	96.241	-0.033	96.261	-0.033	96.277	-0.033
91.393	-0.029	91.413	-0.029	91.430	-0.033	91.455	-0.037	96.295	-0.034	96.317	-0.038	96.336	-0.038	96.354	-0.038
91.481	-0.037	91.502	-0.033	91.528	-0.029	91.547	-0.022	96.374	-0.038	96.392	-0.039	96.411	-0.050	96.433	-0.051
91.568	-0.022	91.591	-0.022	91.607	-0.022	91.619	-0.022	96.457	-0.051	96.480	-0.051	96.506	-0.051	96.525	-0.051
91.640	-0.021	91.657	-0.021	91.676	-0.009	91.695	-0.013	96.536	-0.055	96.556	-0.059	96.579	-0.059	96.592	-0.059
91.716	-0.012	91.748	-0.011	91.775	-0.010	91.802	-0.010	96.615	-0.059	96.635	-0.059	96.655	-0.059	96.673	-0.059
91.823	-0.009	91.837	-0.008	91.855	-0.008	91.877	-0.008	96.695	-0.056	96.718	-0.048	96.737	-0.044	96.759	-0.037
91.902	-0.003	91.926	-0.003	91.949	-0.003	91.971	-0.003	96.777	-0.037	96.799	-0.037	96.828	-0.037	96.854	-0.037
91.993	-0.003	92.016	-0.003	92.042	-0.003	92.063	-0.003	96.870	-0.037	96.896	-0.029	96.920	-0.025	96.946	-0.022
92.083	-0.002	92.106	-0.002	92.121	-0.002	92.143	-0.009	96.971	-0.022	96.995	-0.029	97.025	-0.029	97.057	-0.029
92.167	-0.013	92.186	-0.013	92.205	-0.016	92.229	-0.016	97.083	-0.018	97.112	-0.022	97.146	-0.022	97.182	-0.022
92.251	-0.015	92.269	-0.019	92.286	-0.022	92.321	-0.022	97.222	-0.022	97.248	-0.018	97.287	-0.014	97.320	-0.006
92.341	-0.022	92.363	-0.029	92.380	-0.029	92.406	-0.032	97.355	-0.010	97.380	-0.014	97.412	-0.022	97.429	-0.029
92.427	-0.032	92.450	-0.035	92.472	-0.035	92.496	-0.034	97.451	-0.029	97.469	-0.037	97.489	-0.044	97.514	-0.046
92.520	-0.034	92.541	-0.034	92.565	-0.030	92.591	-0.030	97.532	-0.048	97.553	-0.044	97.568	-0.029	97.589	-0.045
92.619	-0.030	92.635	-0.022	92.653	-0.022	92.682	-0.022	97.614	-0.045	97.637	-0.045	97.661	-0.045	97.685	-0.045
92.698	-0.022	92.723	-0.021	92.746	-0.021	92.771	-0.020	97.708	-0.045	97.728	-0.045	97.746	-0.057	97.766	-0.057
92.753	-0.019	92.824	-0.018	92.847	-0.017	92.872	-0.009	97.790	-0.057	97.811	-0.057	97.835	-0.058	97.856	-0.058
92.895	-0.012	92.914	-0.012	92.935	-0.015	92.956	-0.015	97.876	-0.058	97.898	-0.058	97.920	-0.058	97.944	-0.058
92.978	-0.014	93.003	-0.022	93.023	-0.025	93.049	-0.033	97.973	-0.058	97.992	-0.054	98.021	-0.050	98.039	-0.049
93.073	-0.033	93.099	-0.033	93.124	-0.033	93.153	-0.033	98.057	-0.053	98.081	-0.053	98.103	-0.052	98.127	-0.048
93.179	-0.033	93.208	-0.033	93.230	-0.029	93.258	-0.029	98.151	-0.058	98.172	-0.057	98.197	-0.053	98.217	-0.048
93.275	-0.029	93.299	-0.029	93.334	-0.029	93.360	-0.029	98.234	-0.044	98.253	-0.043	98.279	-0.042	98.302	-0.041
93.380	-0.029	93.396	-0.028	93.423	-0.028	93.446	-0.027	98.325	-0.041	98.349	-0.041	98.376	-0.041	98.396	-0.041
93.468	-0.027	93.480	-0.026	93.496	-0.029	93.514	-0.029	98.417	-0.029	98.438	-0.029	98.457	-0.025	98.478	-0.025
93.533	-0.028	93.552	-0.027	93.577	-0.026	93.603	-0.025	98.499	-0.025	98.523	-0.033	98.547	-0.037	98.574	-0.038
93.630	-0.024	93.651	-0.019	93.672	-0.019	93.693	-0.019	98.601	-0.038	98.629	-0.039	98.662	-0.036	98.683	-0.033
93.727	-0.018	93.755	-0.014	93.788	-0.014	93.811	-0.014	98.710	-0.022	98.736	-0.023	98.760	-0.023	98.785	-0.023
93.837	-0.010	93.855	-0.006	93.867	-0.003	93.886	-0.005	98.823	-0.019	98.839	-0.019	98.862	-0.027	98.883	-0.026
93.906	-0.005	93.943	-0.005	93.965	-0.003	93.992	-0.006	98.905	-0.022	98.926	-0.021	98.946	-0.021	98.965	-0.021
94.012	-0.006	94.035	-0.006	94.051	-0.006	94.068	-0.006	98.984	-0.024	99.009	-0.024	99.035	-0.024	99.059	-0.024
94.095	-0.006	94.121	-0.006	94.145	-0.006	94.159	-0.006	99.085	-0.023	99.108	-0.023	99.134	-0.025	99.159	-0.023
94.179	-0.014	94.199	-0.014	94.227	-0.014	94.257	-0.014	99.188	-0.018	99.221	-0.018	99.250	-0.018	99.284	-0.022
94.275	-0.014	94.299	-0.015	94.322	-0.015	94.345	-0.015	99.303	-0.022	99.323	-0.020	99.346	-0.033	99.373	-0.028
94.373	-0.015	94.397	-0.023	94.432	-0.027	94.445	-0.028	99.396	-0.031	99.416	-0.026	99.435	-0.029	99.449	-0.029
94.481	-0.028	94.454	-0.028	94.517	-0.028	94.536	-0.028	99.461	-0.029						
94.557	-0.029	94.579	-0.033	94.604	-0.033	94.626	-0.033								
94.645	-0.022	94.661	-0.022	94.682	-0.026	94.708	-0.026								
94.728	-0.026	94.750	-0.022	94.775	-0.023	94.790	-0.023								
94.815	-0.023	94.844	-0.012	94.857	-0.012	94.870	-0.009								
94.887	-0.002	94.913	-0.006	94.928	-0.005	94.943	-0.005								
94.965	-0.004	94.984	-0.005	95.003	-0.004	95.028	-0.003								
95.042	-0.005	95.068	-0.005	95.094	-0.006	95.108	-0.007								
95.128	-0.007	95.144	-0.012	95.164	-0.012	95.183	-0.013								
95.204	-0.014	95.223	-0.015	95.235	-0.015	95.254	-0.016								
95.280	-0.017	95.293	-0.017	95.311	-0.017	95.334	-0.014								
95.360	-0.015	95.377	-0.012	95.404	-0.012	95.418	-0.005								
95.439	-0.006	95.457	-0.006	95.474	-0.000	95.501	-0.005								
95.522	-0.010	95.543	-0.015	95.565	-0.017	95.590	-0.019								
95.615	-0.020	95.638	-0.022	95.666	-0.024	95.687	-0.036								
95.706	-0.037	95.727	-0.038	95.749	-0.039	95.774	-0.040								
95.793	-0.040	95.814	-0.040	95.836	-0.041	95.867	-0.041								
95.883	-0.042	95.915	-0.042	95.942	-0.043	95.963	-0.043								
95.980	-0.043	96.000	-0.044	96.023	-0.040	96.046	-0.037								

71.140 2/9/71 0600PST SAN JUAN CAPISTRANO

4745 POINTS 98.823 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0530 G/10.

**M25N**

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.008	0.013	-0.012	0.023	-0.012	0.036	-0.024	0.082	-0.040	2.852	0.010	2.874	-0.010	2.896	-0.005	2.922	0.003	2.922	0.003
0.046	-0.024	0.057	-0.032	0.067	-0.040	0.082	-0.040	0.082	-0.040	2.948	0.038	2.970	0.031	2.995	0.007	3.014	-0.005	3.014	-0.005
0.092	-0.036	0.107	-0.028	0.119	-0.024	0.133	-0.026	0.133	-0.026	3.034	0.019	3.056	-0.008	3.077	-0.048	3.104	-0.055	3.104	-0.055
0.148	-0.008	0.164	-0.011	0.178	0.019	0.194	0.019	0.194	0.019	3.127	-0.055	3.145	-0.035	3.166	-0.015	3.187	-0.000	3.187	-0.000
0.210	0.011	0.225	0.007	0.244	0.011	0.257	0.007	0.257	0.007	3.209	-0.008	3.227	-0.008	3.246	-0.008	3.267	-0.000	3.267	-0.000
0.272	0.002	0.285	0.006	0.303	0.010	0.315	0.006	0.315	0.006	3.276	-0.001	3.290	0.019	3.308	0.019	3.325	0.007	3.325	0.007
0.328	0.002	0.341	-0.014	0.354	-0.026	0.370	-0.038	0.370	-0.038	3.344	-0.009	3.364	-0.013	3.384	0.003	3.402	0.018	3.402	0.018
0.385	-0.039	0.400	-0.051	0.413	-0.039	0.425	-0.035	0.425	-0.035	3.418	-0.034	3.436	0.018	3.453	0.002	3.475	0.009	3.475	0.009
0.439	-0.028	0.450	-0.008	0.463	0.011	0.477	0.011	0.477	0.011	3.499	0.009	3.517	-0.003	3.538	-0.008	3.562	-0.016	3.562	-0.016
0.491	0.003	0.507	-0.033	0.524	-0.041	0.539	-0.049	0.539	-0.049	3.578	-0.036	3.605	-0.040	3.624	-0.037	3.644	-0.013	3.644	-0.013
0.553	-0.026	0.567	-0.018	0.581	-0.015	0.596	-0.011	0.596	-0.011	3.663	0.002	3.684	0.006	3.704	-0.002	3.725	-0.002	3.725	-0.002
0.605	-0.015	0.620	-0.019	0.635	-0.020	0.648	-0.040	0.648	-0.040	3.747	-0.014	3.769	-0.015	3.788	-0.027	3.808	-0.031	3.808	-0.031
0.664	0.040	0.679	-0.024	0.695	-0.001	0.713	0.007	0.713	0.007	3.828	-0.015	3.849	0.000	3.868	0.008	3.892	0.008	3.892	0.008
0.732	0.034	0.748	0.041	0.767	0.033	0.782	0.013	0.782	0.013	3.914	-0.016	3.936	-0.028	3.957	-0.040	3.979	-0.020	3.979	-0.020
0.795	-0.007	0.813	-0.015	0.831	-0.024	0.851	-0.020	0.851	-0.020	3.998	0.016	4.019	0.020	4.042	0.012	4.065	-0.008	4.065	-0.008
0.867	-0.028	0.884	-0.009	0.902	-0.013	0.921	-0.006	0.921	-0.006	4.086	0.008	4.106	0.000	4.127	-0.023	4.148	-0.027	4.148	-0.027
0.940	-0.022	0.957	-0.026	0.973	-0.030	0.990	-0.042	0.990	-0.042	4.167	-0.027	4.189	-0.030	4.210	-0.026	4.228	-0.017	4.228	-0.017
1.004	-0.074	1.018	-0.054	1.037	-0.046	1.053	-0.030	1.053	-0.030	4.250	0.003	4.278	0.012	4.293	0.020	4.311	0.001	4.311	0.001
1.069	-0.030	1.088	-0.026	1.106	-0.015	1.124	-0.015	1.124	-0.015	4.330	0.005	4.345	0.021	4.364	0.026	4.385	0.026	4.385	0.026
1.138	-0.003	1.149	0.013	1.163	0.005	1.181	0.												

6.032	-0.006	6.049	-0.006	6.071	0.025	6.090	0.013	9.921	-0.011	9.940	-0.013	9.958	-0.004	9.975	0.005
6.108	-0.014	6.130	-0.017	6.146	-0.025	6.165	-0.021	9.994	0.031	10.010	0.071	10.024	0.092	10.037	0.121
6.186	-0.016	6.205	-0.032	6.226	-0.039	6.246	-0.031	10.055	0.126	10.072	0.131	10.094	0.129	10.109	0.126
6.264	-0.003	6.283	0.029	6.298	0.049	6.316	0.034	10.133	0.132	10.151	0.070	10.168	0.019	10.188	-0.035
6.335	0.010	6.353	-0.013	6.371	-0.021	6.388	-0.001	10.211	-0.045	10.236	-0.040	10.248	-0.047	10.264	-0.050
6.404	-0.001	6.421	0.008	6.438	0.004	6.455	0.004	10.280	-0.045	10.294	-0.024	10.309	-0.020	10.325	0.009
6.473	-0.019	6.492	-0.027	6.510	-0.034	6.528	-0.026	10.342	-0.002	10.361	-0.036	10.376	-0.095	10.392	-0.129
6.545	-0.010	6.555	-0.002	6.572	0.002	6.591	-0.002	10.409	-0.149	10.430	-0.133	10.450	-0.125	10.464	-0.118
6.612	-0.010	6.628	-0.018	6.646	-0.014	6.664	-0.010	10.483	-0.099	10.502	-0.088	10.526	-0.065	10.541	-0.053
6.683	0.013	6.703	0.041	6.721	0.037	6.740	0.028	10.561	-0.073	10.579	-0.074	10.600	-0.051	10.615	0.004
6.762	0.016	6.779	0.024	6.798	0.020	6.813	0.004	10.630	0.012	10.650	-0.052	10.668	-0.088	10.691	-0.093
6.827	-0.008	6.844	-0.028	6.861	-0.040	6.881	-0.032	10.706	-0.055	10.721	-0.016	10.743	-0.011	10.763	-0.008
6.899	-0.020	6.915	-0.005	6.929	0.019	6.944	0.043	10.776	-0.028	10.797	-0.008	10.820	0.008	10.838	0.017
6.958	0.039	6.973	0.019	6.993	-0.021	7.008	-0.033	10.858	-0.005	10.877	0.019	10.899	0.068	10.920	0.073
7.029	-0.033	7.047	-0.029	7.065	-0.029	7.084	-0.025	10.936	0.015	10.964	0.001	10.990	0.046	11.007	0.089
7.104	-0.045	7.119	-0.037	7.135	-0.049	7.150	-0.076	11.022	0.106	11.037	0.130	11.049	0.141	11.064	0.149
7.163	-0.064	7.183	-0.064	7.200	-0.032	7.222	-0.004	11.077	0.129	11.091	0.097	11.103	0.082	11.117	0.090
7.240	0.020	7.257	0.012	7.273	0.013	7.293	0.013	11.130	0.063	11.143	0.015	11.160	-0.035	11.176	-0.055
7.310	-0.002	7.332	-0.022	7.349	0.014	7.366	0.018	11.191	-0.054	11.204	-0.078	11.218	-0.117	11.229	-0.156
7.389	0.015	7.405	-0.001	7.426	-0.009	7.443	-0.021	11.242	-0.164	11.253	-0.132	11.265	-0.092	11.277	-0.049
7.458	-0.001	7.475	0.015	7.491	0.050	7.504	0.015	11.290	-0.013	11.302	0.007	11.314	0.023	11.326	0.020
7.524	0.007	7.539	-0.025	7.561	-0.029	7.580	-0.025	11.338	-0.008	11.352	-0.031	11.364	-0.074	11.381	-0.113
7.594	-0.009	7.612	0.031	7.630	0.027	7.649	-0.000	11.396	-0.109	11.411	-0.104	11.422	-0.080	11.435	-0.060
7.664	-0.012	7.680	-0.031	7.699	-0.023	7.718	-0.019	11.448	-0.020	11.463	-0.004	11.485	0.001	11.501	0.001
7.745	-0.034	7.767	-0.030	7.790	-0.002	7.810	0.026	11.512	0.017	11.527	0.041	11.543	0.074	11.558	0.121
7.827	0.026	7.845	0.027	7.866	0.011	7.884	0.008	11.574	0.169	11.591	0.209	11.605	0.197	11.621	0.189
7.909	-0.007	7.919	-0.003	7.936	0.001	7.953	-0.010	11.639	0.158	11.654	0.138	11.668	0.102	11.681	0.071
7.969	-0.018	7.987	-0.017	8.006	-0.013	8.021	-0.004	11.696	0.043	11.711	0.039	11.729	0.062	11.744	0.082
8.037	-0.008	8.054	0.000	8.070	0.000	8.085	0.004	11.760	0.098	11.775	0.125	11.790	0.129	11.804	0.109
8.102	-0.001	8.117	-0.001	8.133	0.010	8.149	0.018	11.817	0.066	11.831	0.030	11.849	0.010	11.865	-0.053
8.167	0.013	8.182	0.009	8.199	0.004	8.216	-0.004	11.883	-0.116	11.899	-0.179	11.914	-0.191	11.931	-0.164
8.232	-0.012	8.247	-0.005	8.264	-0.001	8.282	-0.018	11.943	-0.113	11.955	-0.066	11.972	0.001	11.985	0.029
8.302	-0.010	8.318	-0.007	8.335	-0.012	8.351	-0.012	12.003	0.028	12.020	0.008	12.034	0.004	12.050	0.035
8.367	-0.005	8.385	-0.010	8.404	-0.006	8.418	-0.031	12.070	0.035	12.089	0.062	12.108	0.066	12.127	0.074
8.436	-0.031	8.450	-0.012	8.463	0.015	8.481	-0.006	12.147	0.054	12.161	0.069	12.176	0.089	12.194	0.108
8.500	-0.022	8.518	-0.058	8.536	-0.071	8.548	-0.075	12.209	-0.100	12.227	0.068	12.243	0.060	12.261	0.044
8.564	-0.064	8.582	-0.040	8.605	-0.044	8.624	-0.009	12.277	-0.079	12.294	0.004	12.306	-0.020	12.321	-0.059
8.636	0.007	8.652	0.015	8.668	0.043	8.682	0.039	12.338	-0.079	12.369	-0.068	12.381	-0.064	12.399	-0.025
8.699	0.046	8.717	0.019	8.733	0.007	8.748	0.007	12.415	-0.009	12.429	0.015	12.448	-0.013	12.464	-0.089
8.766	-0.005	8.782	-0.009	8.795	-0.017	8.809	-0.009	12.480	-0.128	12.494	-0.121	12.510	-0.030	12.521	0.041
8.825	-0.009	8.843	-0.001	8.861	-0.001	8.879	-0.028	12.536	0.115	12.550	0.143	12.569	0.099	12.583	0.027
8.899	-0.040	8.916	-0.039	8.932	-0.043	8.950	-0.047	12.596	-0.064	12.607	-0.135	12.620	-0.163	12.636	-0.112
8.967	-0.034	8.981	-0.030	8.996	-0.018	9.014	-0.018	12.651	-0.034	12.665	0.061	12.678	0.139	12.690	0.175
9.030	-0.002	9.048	0.010	9.127	0.003	9.086	0.011	12.701	0.182	12.719	0.170	12.734	0.130	12.749	0.062
9.100	0.023	9.113	0.015	9.149	-0.003	9.149	-0.016	12.762	0.038	12.779	0.062	12.792	0.105	12.807	0.144
9.163	-0.024	9.179	-0.024	9.198	-0.004	9.217	-0.020	12.820	0.163	12.836	0.127	12.852	0.056	12.869	-0.028
9.236	-0.012	9.252	-0.028	9.268	-0.044	9.287	-0.028	12.887	-0.071	12.903	-0.100	12.922	-0.139	12.940	-0.144
9.305	-0.003	9.324	-0.024	9.340	0.024	9.359	0.016	12.961	-0.152	12.977	-0.148	12.996	-0.156	13.016	-0.168
9.375	-0.023	9.392	-0.032	9.412	-0.024	9.428	-0.028	13.034	-0.207	13.059	-0.199	13.076	-0.172	13.091	-0.097
9.445	-0.032	9.460	-0.037	9.479	-0.041	9.501	-0.033	13.106	-0.030	13.118	0.029	13.131	0.069	13.148	0.100
9.514	-0.014	9.530	-0.002	9.548	0.010	9.568	0.017	13.170	0.080	13.189	0.049	13.208	0.045	13.222	0.053
9.584	0.021	9.602	0.009	9.619	0.012	9.638	0.020	13.241	0.073	13.260	0.109	13.283	0.102	13.308	0.051
9.655	0.024	9.674	0.025	9.691	-0.007	9.706	-0.030	13.329	-0.004	13.351	-0.091	13.369	-0.181	13.386	-0.260
9.726	-0.049	9.742	-0.077	9.760	-0.076	9.773	-0.068	13.401	-0.283	13.420	-0.240	13.436	-0.455	13.455	-0.133
9.790	-0.068	9.808	-0.059	9.823	-0.047	9.838	-0.031	13.473	-0.113	13.495	-0.061	13.517	-0.053	13.535	-0.045
9.853	-0.011	9.868	-0.029	9.888	0.062	9.907	0.028	13.554	-0.072	13.573	-0.084	13.597	-0.080	13.613	-0.068

13.628	-0.032	13.641	0.027	13.656	0.110	13.668	0.173	17.328	-0.031	17.339	0.052	17.352	0.151	17.363	0.171
13.683	0.217	13.701	0.201	13.720	0.185	13.736	0.201	17.378	0.210	17.394	0.266	17.416	0.286	17.424	0.227
13.757	0.220	13.776	0.216	13.795	0.165	13.815	0.125	17.441	0.227	17.460	0.232	17.475	0.184	17.488	0.208
13.836	0.038	13.856	0.003	13.872	0.034	13.889	0.097	17.503	0.213	17.515	0.106	17.533	0.130	17.547	0.071
13.903	0.137	13.915	0.156	13.932	0.093	13.945	0.014	17.560	0.036	17.578	0.104	17.592	0.088	17.609	0.071
13.960	-0.080	13.980	-0.128	13.999	-0.143	14.018	-0.167	17.626	0.074	17.642	-0.007	17.654	-0.048	17.668	-0.059
14.035	-0.139	14.053	-0.068	14.069	0.003	14.087	0.027	17.685	-0.106	17.699	-0.082	17.716	-0.030	17.732	-0.022
14.108	0.019	14.124	0.023	14.139	0.011	14.156	0.007	17.746	-0.035	17.763	-0.028	17.779	-0.020	17.795	-0.091
14.175	-0.017	14.191	-0.021	14.206	-0.037	14.221	-0.054	17.815	-0.121	17.827	-0.228	17.843	-0.237	17.855	-0.302
14.232	-0.030	14.246	-0.007	14.259	0.040	14.274	0.052	17.871	-0.285	17.882	-0.265	17.897	-0.237	17.918	-0.217
14.287	0.071	14.302	0.087	14.316	0.059	14.339	0.070	17.931	-0.205	17.949	-0.173	17.963	-0.109	17.976	-0.030
14.355	0.022	14.376	0.006	14.355	0.037	14.413	0.044	17.991	0.049	18.006	0.129	18.024	0.244	18.034	0.161
14.435	0.039	14.449	0.015	14.472	0.006	14.493	0.002	18.046	0.157	18.058	0.110	18.071	0.130	18.091	0.099
14.508	-0.078	14.526	-0.134	14.543	-0.107	14.560	-0.032	18.103	0.040	18.118	0.049	18.129	0.053	18.150	0.065
14.577	0.046	14.592	0.069	14.608	0.025	14.627	-0.071	18.168	0.085	18.184	0.094	18.206	0.153	18.221	0.126
14.643	-0.193	14.660	-0.217	14.676	-0.146	14.689	-0.090	18.238	0.071	18.253	0.126	18.264	0.131	18.280	0.170
14.701	-0.035	14.716	-0.009	14.731	-0.027	14.751	-0.062	18.299	0.206	18.313	0.143	18.331	0.116	18.347	0.113
14.770	-0.086	14.788	-0.133	14.804	-0.097	14.821	-0.069	18.361	0.081	18.379	0.121	18.392	0.078	18.407	0.050
14.835	-0.042	14.848	-0.038	14.863	-0.018	14.879	0.006	18.423	0.011	18.440	-0.013	18.450	-0.076	18.461	-0.112
14.892	0.074	14.912	0.149	14.933	0.224	14.945	0.165	18.475	-0.139	18.490	-0.131	18.504	-0.104	18.524	-0.084
14.964	0.126	14.988	0.091	15.006	0.059	15.027	0.036	18.543	-0.060	18.561	-0.036	18.579	-0.016	18.594	-0.016
15.046	0.004	15.066	-0.039	15.083	-0.054	15.097	-0.090	18.609	0.007	18.625	0.039	18.642	0.074	18.658	0.090
15.115	-0.125	15.130	-0.133	15.149	-0.133	15.169	-0.105	18.672	0.090	18.687	-0.050	18.705	-0.021	18.720	-0.053
15.186	-0.082	15.200	-0.030	15.215	-0.030	15.237	0.005	18.736	-0.065	18.760	-0.066	18.777	-0.070	18.786	-0.054
15.248	-0.011	15.267	0.025	15.281	0.112	15.297	0.187	18.801	-0.034	18.813	-0.086	18.831	-0.137	18.841	-0.161
15.309	0.207	15.321	0.199	15.334	0.159	15.352	0.140	18.851	-0.209	18.863	-0.248	18.872	-0.272	18.880	-0.288
15.365	0.084	15.389	0.112	15.403	0.112	15.418	0.171	18.893	-0.272	18.905	-0.233	18.916	-0.198	18.934	-0.139
15.436	0.203	15.454	0.163	15.473	0.084	15.491	0.049	18.951	-0.139	18.968	-0.139	18.984	-0.139	18.996	-0.139
15.509	0.009	15.528	-0.014	15.542	0.021	15.562	0.076	19.007	-0.139	19.017	-0.115	19.026	-0.092	19.037	-0.064
15.581	0.112	15.589	0.069	15.605	-0.026	15.617	-0.109	19.049	-0.041	19.061	-0.021	19.072	-0.021	19.082	-0.021
15.632	-0.165	15.644	-0.133	15.661	-0.066	15.678	-0.023	19.092	-0.021	19.103	0.022	19.112	0.050	19.120	0.077
15.692	-0.046	15.711	-0.074	15.725	-0.149	15.740	-0.173	19.129	0.021	19.140	0.164	19.150	0.224	19.159	0.263
15.755	-0.126	15.770	-0.023	15.785	0.056	15.803	0.111	19.171	0.303	19.179	0.334	19.193	0.299	19.204	0.251
15.821	0.072	15.839	0.004	15.849	-0.130	15.873	-0.205	19.216	0.220	19.228	0.180	19.239	0.137	19.251	0.097
15.889	-0.193	15.905	-0.134	15.921	-0.051	15.930	0.005	19.264	0.046	19.273	-0.009	19.288	-0.057	19.297	-0.081
15.943	0.036	15.961	0.036	15.983	0.068	16.002	0.080	19.304	-0.092	19.315	-0.065	19.325	-0.029	19.337	0.006
16.017	0.104	16.037	0.112	16.048	0.080	16.061	0.029	19.352	0.014	19.362	0.042	19.376	0.026	19.392	-0.021
16.078	0.025	16.089	-0.003	16.103	0.005	16.118	-0.003	19.408	-0.029	19.419	-0.049	19.431	-0.077	19.439	-0.077
16.134	-0.022	16.151	-0.030	16.172	-0.030	16.185	-0.038	19.452	-0.061	19.465	-0.037	19.478	-0.006	19.487	-0.022
16.197	-0.046	16.211	-0.038	16.227	-0.011	16.241	0.013	19.494	0.049	19.504	0.026	19.515	-0.022	19.525	-0.053
16.260	0.068	16.274	0.049	16.287	0.001	16.308	0.041	19.533	-0.073	19.541	-0.101	19.554	-0.125	19.566	-0.089
16.327	0.120	16.345	0.183	16.357	0.147	16.374	0.080	19.581	-0.074	19.599	-0.022	19.612	0.013	19.632	0.049
16.392	0.069	16.412	0.073	16.422	0.085	16.441	0.069	19.649	0.034	19.665	0.119	19.675	0.146	19.686	0.166
16.457	0.010	16.477	0.010	16.489	0.002	16.505	-0.002	19.702	0.138	19.726	0.062	19.739	-0.002	19.756	-0.058
16.525	0.018	16.541	0.022	16.562	0.050	16.585	0.027	19.771	-0.022	19.787	0.017	19.798	0.040	19.808	0.075
16.604	-0.020	16.621	-0.048	16.640	-0.099	16.655	-0.166	19.820	0.095	19.838	0.066	19.857	-0.001	19.882	-0.100
16.669	-0.166	16.684	-0.122	16.697	-0.074	16.715	-0.030	19.901	-0.203	19.918	-0.278	19.933	-0.337	19.948	-0.322
16.731	-0.058	16.758	-0.053	16.776	-0.124	16.796	-0.120	19.966	-0.282	19.979	-0.184	19.994	-0.116	20.006	-0.073
16.818	-0.187	16.838	-0.186	16.855	-0.242	16.877	-0.226	20.019	-0.096	20.043	0.081	20.061	0.108	20.073	0.132
16.894	-0.293	16.916	-0.290	16.942	-0.231	16.955	-0.180	20.084	0.160	20.096	0.128	20.109	0.089	20.121	0.054
16.967	-0.089	16.980	0.022	16.958	0.077	17.014	0.037	20.137	0.027	20.160	0.045	20.179	0.046	20.204	0.051
17.030	-0.034	17.045	-0.117	17.057	-0.129	17.071	-0.035	20.221	0.016	20.241	0.104	20.259	0.093	20.281	0.043
17.088	0.068	17.101	0.166	17.117	0.253	17.130	0.225	20.308	0.001	20.329	-0.041	20.350	-0.060	20.365	-0.060
17.146	0.193	17.166	0.189	17.182	0.224	17.204	0.271	20.380	-0.039	20.398	-0.067	20.417	-0.074	20.434	-0.070
17.220	0.299	17.235	0.231	17.254	0.065	17.266	-0.081	20.447	-0.069	20.462	-0.101	20.480	-0.120	20.496	-0.139
17.277	-0.168	17.292	-0.232	17.305	-0.200	17.317	-0.129	20.509	-0.174	20.524	-0.174	20.543	-0.138	20.568	-0.106

20.587	-0.051	20.602	-0.012	20.626	0.036	20.641	0.087	24.946	0.042	24.970	0.042	24.995	0.026	25.025	-0.006
20.651	0.107	20.669	0.075	20.693	0.047	20.720	0.031	25.047	-0.026	25.076	-0.043	25.104	-0.079	25.130	-0.092
20.737	0.015	20.750	-0.004	20.765	0.023	20.775	0.051	25.153	-0.108	25.176	-0.128	25.195	-0.160	25.213	-0.169
20.795	0.067	20.813	0.078	20.828	0.034	20.840	0.114	25.230	-0.173	25.253	-0.153	25.283	-0.134	25.318	-0.083
20.859	0.087	20.885	0.044	20.919	-0.023	20.944	-0.055	25.342	-0.035	25.360	-0.011	25.385	0.028	25.400	0.060
20.966	-0.098	20.994	-0.133	21.017	-0.161	21.054	-0.168	25.419	0.087	25.431	0.115	25.444	0.139	25.460	0.115
21.091	-0.168	21.126	-0.167	21.148	-0.167	21.172	-0.175	25.482	0.107	25.500	0.087	25.521	0.068	25.542	0.075
21.187	-0.139	21.202	-0.103	21.218	-0.083	21.240	0.040	25.557	0.399	25.575	0.107	25.586	0.095	25.603	0.083
21.259	0.104	21.275	0.140	21.289	0.172	21.304	0.121	25.620	0.052	25.643	0.028	25.668	0.020	25.684	0.012
21.335	0.066	21.367	-0.019	21.387	-0.074	21.407	-0.104	25.715	-0.007	25.752	-0.027	25.779	-0.039	25.803	-0.039
21.425	-0.068	21.450	-0.008	21.470	0.041	21.503	0.031	25.828	-0.039	25.856	-0.023	25.879	-0.039	25.900	-0.039
21.531	0.032	21.552	0.033	21.569	0.034	21.586	0.034	25.913	-0.051	25.931	-0.015	25.966	0.028	25.998	0.099
21.605	-0.017	21.632	-0.059	21.653	-0.118	21.670	-0.145	26.021	0.127	26.038	0.147	26.060	0.115	26.085	0.087
21.688	-0.117	21.704	-0.093	21.721	-0.053	21.731	-0.018	26.107	0.055	26.122	0.007	26.151	-0.048	26.180	-0.084
21.743	0.018	21.758	-0.022	21.778	-0.030	21.794	-0.046	26.204	-0.116	26.222	-0.132	26.249	-0.113	26.285	-0.114
21.809	-0.039	21.827	-0.015	21.848	0.032	21.867	0.083	26.311	-0.119	26.337	-0.120	26.361	-0.120	26.380	-0.105
21.882	0.118	21.890	0.165	21.904	0.145	21.913	0.125	26.417	-0.070	26.451	0.001	26.482	0.056	26.510	0.071
21.923	0.102	21.936	0.078	21.949	0.054	21.959	0.038	26.535	0.091	26.561	0.115	26.591	0.143	26.611	0.154
21.976	0.057	21.993	0.073	22.011	0.076	22.030	0.084	26.629	0.111	26.639	0.095	26.654	0.064	26.664	0.048
22.053	0.052	22.070	0.032	22.090	0.020	22.103	0.007	26.674	0.008	26.689	-0.019	26.719	-0.039	26.755	-0.067
22.116	-0.035	22.126	-0.051	22.139	-0.027	22.159	0.004	26.794	-0.090	26.816	-0.090	26.832	-0.098	26.847	-0.114
22.174	0.024	22.187	0.048	22.201	0.064	22.220	0.052	26.860	-0.114	26.877	-0.114	26.892	-0.114	26.909	-0.083
22.244	0.040	22.261	0.004	22.280	-0.031	22.297	-0.067	26.922	-0.067	26.943	-0.047	26.956	-0.015	26.970	0.004
22.317	-0.098	22.331	-0.130	22.343	-0.142	22.358	-0.110	26.989	0.004	27.008	0.004	27.022	0.016	27.036	0.016
22.386	-0.090	22.415	-0.075	22.436	-0.055	22.451	-0.004	27.050	0.028	27.067	0.032	27.083	0.032	27.100	0.032
22.464	-0.007	22.479	-0.035	22.499	-0.079	22.510	-0.090	27.111	0.036	27.126	0.036	27.138	0.048	27.152	0.036
22.527	-0.114	22.552	-0.114	22.593	-0.114	22.619	-0.114	27.171	0.023	27.188	0.000	27.204	-0.019	27.223	-0.031
22.636	-0.122	22.658	-0.130	22.676	-0.130	22.693	-0.114	27.231	-0.051	27.246	-0.043	27.262	-0.023	27.276	-0.004
22.714	-0.079	22.744	-0.047	22.769	0.008	22.794	0.012	27.288	0.008	27.304	0.012	27.320	-0.007	27.338	-0.027
22.811	0.032	22.830	0.012	22.841	0.000	22.853	-0.015	27.352	-0.059	27.365	-0.090	27.379	-0.118	27.390	-0.130
22.864	-0.007	22.883	0.028	22.910	0.083	22.927	0.083	27.401	-0.114	27.419	-0.075	27.435	-0.059	27.454	-0.027
22.944	0.091	22.961	0.115	22.977	0.115	22.991	0.115	27.473	-0.007	27.491	0.008	27.504	-0.016	27.518	0.016
23.006	0.091	23.019	0.071	23.042	0.028	23.055	-0.007	27.532	0.004	27.546	-0.004	27.555	-0.011	27.569	-0.023
23.076	-0.043	23.094	-0.043	23.110	0.020	23.143	0.020	27.582	-0.015	27.600	0.000	27.616	0.016	27.633	0.056
23.166	0.028	23.183	0.028	23.200	0.028	23.216	0.056	27.649	0.068	27.663	0.075	27.676	0.083	27.692	0.071
23.234	0.079	23.252	0.068	23.265	0.052	23.282	0.036	27.729	0.044	27.741	0.000	27.769	-0.023	27.786	-0.043
23.303	0.024	23.326	0.028	23.350	0.028	23.369	0.028	27.800	-0.067	27.818	-0.083	27.840	-0.083	27.865	-0.067
23.383	0.028	23.404	-0.011	23.416	-0.043	23.436	-0.075	27.884	-0.055	27.903	-0.023	27.925	-0.039	27.947	-0.067
23.450	-0.102	23.467	-0.102	23.480	-0.079	23.497	-0.075	27.966	-0.075	27.985	-0.039	28.007	-0.019	28.035	0.012
23.513	-0.063	23.535	-0.106	23.552	-0.138	23.567	-0.165	28.056	-0.044	28.084	0.032	28.104	0.028	28.123	0.075
23.576	-0.185	23.598	-0.138	23.619	-0.079	23.644	-0.051	28.144	0.107	28.159	0.131	28.177	0.154	28.193	0.131
23.665	-0.051	23.683	-0.035	23.712	-0.019	23.740	-0.011	28.211	-0.009	28.226	0.052	28.257	0.024	28.285	0.012
23.767	-0.011	23.789	-0.011	23.807	-0.011	23.836	-0.011	28.310	-0.007	28.339	-0.023	28.360	-0.023	28.383	0.008
23.870	-0.011	23.887	-0.011	23.907	-0.011	23.930	-0.011	28.400	0.048	28.426	0.083	28.447	0.107	28.465	0.115
23.955	-0.011	23.972	-0.011	23.986	-0.011	24.010	0.020	28.487	0.091	28.511	0.064	28.538	0.032	28.566	-0.015
24.025	0.001	24.046	-0.019	24.068	-0.039	24.083	-0.054	28.580	-0.043	28.604	-0.055	28.627	-0.083	28.648	-0.094
24.109	-0.042	24.137	-0.026	24.165	-0.010	24.193	0.023	28.670	-0.122	28.697	-0.154	28.723	-0.173	28.747	-0.173
24.231	0.047	24.262	0.067	24.277	0.099	24.296	0.123	28.768	-0.165	28.786	-0.165	28.806	-0.165	28.824	-0.165
24.305	0.124	24.320	0.088	24.339	0.057	24.362	0.006	28.845	-0.138	28.871	-0.114	28.893	-0.071	28.924	-0.031
24.389	-0.032	24.411	-0.052	24.434	-0.051	24.452	-0.050	28.949	-0.031	28.977	0.000	28.999	0.044	29.022	0.075
24.474	-0.030	24.491	-0.030	24.507	-0.010	24.527	-0.049	29.038	0.099	29.062	0.071	29.086	0.071	29.110	0.075
24.549	-0.076	24.569	-0.111	24.589	-0.111	24.598	-0.122	29.132	0.075	29.161	0.095	29.189	0.103	29.203	0.127
24.615	-0.150	24.627	-0.165	24.645	-0.126	24.664	-0.090	29.221	0.139	29.238	0.115	29.255	0.075	29.273	0.056
24.686	-0.038	24.716	0.010	24.734	0.065	24.756	0.101	29.292	0.028	29.309	0.008	29.334	0.004	29.363	0.015
24.774	-0.129	24.798	0.121	24.817	0.098	24.836	0.078	29.391	0.015	29.418	0.015	29.443	0.014	29.466	0.030
24.857	0.067	24.876	0.051	24.897	0.062	24.919	0.062	29.491	0.041	29.521	0.057	29.541	0.072	29.565	0.071

29.583	0.079	29.599	0.086	29.624	0.074	29.650	0.046	34.629	0.009	34.648	0.001	34.677	-0.015	34.695	-0.011
29.689	0.026	29.714	0.002	29.738	-0.018	29.756	-0.034	34.717	-0.008	34.735	-0.004	34.756	-0.004	34.774	-0.004
29.778	-0.070	29.801	-0.090	29.825	-0.086	29.858	-0.087	34.792	-0.005	34.808	-0.017	34.829	-0.021	34.846	-0.025
29.884	-0.080	29.911	-0.053	29.933	-0.042	29.950	-0.035	34.863	-0.017	34.878	-0.037	34.898	-0.053	34.913	-0.053
29.971	-0.015	29.992	0.011	30.017	0.050	30.038	0.064	34.935	-0.057	34.956	-0.057	34.974	-0.053	34.994	-0.045
30.062	0.082	30.083	0.105	30.107	0.115	30.132	0.125	35.019	-0.069	35.046	-0.077	35.069	-0.073	35.098	-0.053
30.147	0.109	30.168	0.092	30.190	0.096	30.210	0.103	35.122	-0.061	35.147	-0.045	35.172	-0.041	35.194	-0.034
30.235	0.118	30.258	0.110	30.280	0.085	30.302	0.057	35.215	-0.029	35.235	-0.018	35.258	-0.006	35.281	0.013
30.324	0.025	30.343	0.008	30.367	-0.007	30.386	-0.023	35.305	0.029	35.329	0.045	35.347	0.044	35.361	0.044
30.410	-0.047	30.433	-0.071	30.454	-0.114	30.473	-0.142	35.380	0.048	35.403	0.044	35.422	0.047	35.444	0.051
30.491	-0.158	30.518	-0.158	30.538	-0.142	30.564	-0.098	35.465	0.051	35.488	0.043	35.512	0.038	35.533	0.034
30.582	-0.075	30.603	-0.063	30.628	-0.043	30.652	-0.035	35.558	0.034	35.577	0.018	35.598	0.022	35.619	0.014
30.674	-0.007	30.695	-0.028	30.713	0.071	30.732	0.099	35.643	0.017	35.670	0.001	35.696	0.001	35.720	-0.011
30.751	-0.115	30.768	0.099	30.788	0.111	30.803	0.103	35.746	-0.011	35.767	-0.031	35.792	-0.047	35.814	-0.055
30.816	0.087	30.831	0.064	30.852	0.040	30.867	0.036	35.836	-0.067	35.858	-0.060	35.879	-0.056	35.903	-0.052
30.887	0.032	30.908	0.028	30.924	0.008	30.944	-0.004	35.928	-0.036	35.954	-0.037	35.980	-0.017	36.001	-0.006
30.963	0.000	30.985	-0.011	31.005	-0.004	31.026	-0.011	36.023	0.002	36.048	0.006	36.068	-0.002	36.089	-0.003
31.048	-0.043	31.073	-0.059	31.097	-0.055	31.118	-0.067	36.112	-0.003	36.133	-0.007	36.156	-0.015	36.179	-0.032
31.138	-0.083	31.160	-0.083	31.179	-0.102	31.202	-0.102	36.204	-0.040	36.226	-0.020	36.245	-0.012	36.267	-0.005
31.215	-0.086	31.233	-0.067	31.257	-0.051	31.276	-0.047	36.292	0.003	36.320	-0.005	36.341	-0.008	36.367	-0.008
31.297	-0.051	31.315	-0.039	31.335	-0.015	31.354	0.004	36.386	-0.001	36.405	0.011	36.430	0.027	36.452	0.039
31.377	0.016	31.404	0.008	31.429	0.024	31.453	0.024	36.476	0.027	36.501	0.011	36.521	-0.001	36.534	-0.009
31.474	0.028	31.491	0.032	31.514	0.028	31.535	0.036	36.555	-0.017	36.573	-0.029	36.592	-0.021	36.609	-0.013
31.558	0.044	31.574	0.060	31.592	0.064	31.615	0.044	36.627	-0.001	36.648	0.014	36.662	0.034	36.680	0.046
31.640	0.020	31.662	0.016	31.682	0.016	31.704	0.000	36.701	0.057	36.719	0.065	36.737	0.080	36.749	0.088
31.725	-0.019	31.748	-0.051	31.765	-0.075	31.789	-0.098	36.770	0.079	36.792	0.087	36.808	0.079	36.826	0.074
31.811	-0.090	31.832	-0.094	31.854	-0.118	31.884	-0.130	36.842	0.066	36.861	0.050	36.878	0.034	36.900	0.013
31.909	-0.138	31.933	-0.142	31.959	-0.169	31.986	-0.169	36.914	-0.003	36.934	-0.007	36.953	0.000	36.973	0.004
32.017	-0.169	32.044	-0.158	32.069	-0.150	32.095	-0.118	36.991	0.008	37.008	-0.005	37.026	-0.013	37.042	-0.017
32.114	-0.083	32.136	-0.055	32.161	-0.039	32.184	-0.019	37.059	-0.026	37.079	-0.030	37.101	-0.022	37.125	-0.023
32.205	-0.031	32.225	-0.047	32.250	-0.055	32.277	-0.063	37.143	-0.027	37.161	-0.020	37.177	-0.020	37.200	-0.020
32.301	-0.059	32.327	-0.059	32.351	-0.063	32.370	-0.035	37.225	-0.024	37.250	-0.016	37.265	-0.013	37.280	-0.005
32.392	-0.015	32.413	-0.007	32.437	0.016	32.458	0.020	37.296	-0.009	37.313	-0.013	37.333	-0.025	37.351	-0.025
32.479	0.024	32.507	0.024	32.527	0.024	32.561	0.004	37.366	-0.037	37.385	-0.041	37.397	-0.041	37.419	-0.041
32.589	-0.007	32.613	-0.011	32.645	-0.015	32.669	-0.019	37.438	-0.033	37.458	-0.017	37.478	-0.029	37.498	-0.048
32.693	-0.031	32.718	-0.035	32.742	-0.051	32.771	-0.071	37.516	-0.068	37.535	-0.076	37.554	-0.068	37.573	-0.064
32.799	-0.083	32.829	-0.094	32.851	-0.098	32.876	-0.090	37.588	-0.072	37.607	-0.079	37.626	-0.095	37.644	-0.091
32.901	-0.086	32.933	-0.054	32.959	-0.038	32.983	-0.030	37.663	-0.087	37.680	-0.087	37.696	-0.091	37.712	-0.086
33.006	-0.030	33.026	-0.038	33.042	-0.041	33.060	-0.041	37.731	-0.078	37.750	-0.070	37.774	-0.070	37.796	-0.074
33.080	-0.045	33.101	-0.044	33.120	-0.048	33.142	-0.036	37.816	-0.046	37.836	-0.042	37.853	-0.018	37.875	0.002
33.167	-0.019	33.194	0.005	33.218	0.005	33.243	0.018	37.893	0.002	37.909	0.022	37.929	0.018	37.947	0.010
33.267	0.014	33.295	0.010	33.322	-0.014	33.350	-0.041	37.966	0.007	37.981	0.007	37.998	0.015	38.015	0.015
33.376	0.077	33.400	-0.077	33.418	-0.077	33.449	-0.066	38.032	0.019	38.057	0.019	38.078	0.019	38.098	0.027
33.471	-0.062	33.497	-0.042	33.522	-0.035	33.547	-0.039	38.119	0.027	38.135	0.043	38.153	0.035	38.172	0.039
33.571	-0.036	33.598	-0.020	33.620	-0.029	33.641	-0.021	38.272	0.007	38.289	0.003	38.307	0.007	38.332	0.007
33.664	-0.030	33.692	-0.042	33.718	-0.059	33.744	-0.063	38.349	-0.013	38.369	-0.021	38.388	-0.029	38.406	-0.037
33.770	-0.071	33.798	-0.052	33.821	-0.057	33.844	-0.049	38.421	-0.041	38.436	-0.041	38.462	-0.057	38.485	-0.065
33.866	-0.049	33.893	-0.034	33.915	-0.015	33.936	-0.019	38.513	-0.073	38.540	-0.073	38.568	-0.073	38.596	-0.069
33.957	-0.035	33.981	-0.035	34.005	-0.040	34.025	-0.044	38.620	-0.053	38.648	-0.050	38.674	-0.046	38.709	-0.030
34.049	-0.028	34.072	-0.045	34.095	-0.045	34.119	-0.049	38.736	-0.011	38.764	0.024	38.791	0.009	38.810	0.020
34.148	-0.038	34.172	-0.038	34.197	-0.030	34.220	0.005	38.835	-0.036	38.858	0.024	38.889	-0.008	38.922	-0.032
34.262	0.048	34.284	0.048	34.300	0.075	34.320	0.075	38.953	-0.056	38.978	-0.060	39.002	-0.068	39.025	-0.080
34.316	0.087	34.336	0.082	34.354	0.066	34.377	0.058	39.052	-0.084	39.075	-0.084	39.097	-0.099	39.118	-0.072
34.397	0.054	34.419	0.038	34.435	0.045	34.456	0.033	39.142	-0.052	39.165	-0.032	39.188	-0.016	39.212	-0.008
34.471	0.033	34.490	0.020	34.517	0.012	34.536	-0.004	39.229	-0.016	39.248	-0.020	39.269	-0.008	39.287	-0.001
34.555	-0.017	34.574	-0.009	34.592	-0.005	34.610	0.018								



39.309	-0.008	39.325	-0.016	39.347	-0.001	39.375	0.031	44.209	-0.055	44.232	-0.060	44.254	-0.057	44.279	-0.042
39.400	0.055	39.422	0.059	39.446	0.078	39.469	0.078	44.306	-0.035	44.326	-0.027	44.347	-0.008	44.372	-0.001
39.491	0.094	39.508	0.086	39.528	0.071	39.547	0.043	44.399	0.019	44.420	0.026	44.439	0.030	44.476	0.029
39.571	0.027	39.595	0.003	39.614	-0.012	39.636	-0.020	44.507	0.029	44.538	0.025	44.562	0.017	44.597	0.013
39.655	-0.036	39.680	-0.044	39.700	-0.059	39.728	-0.075	44.617	0.008	44.647	0.008	44.668	0.004	44.691	0.000
39.754	-0.074	39.780	-0.078	39.810	-0.078	39.829	-0.066	44.707	-0.008	44.729	-0.012	44.751	-0.008	44.771	-0.000
39.850	-0.054	39.877	-0.050	39.899	-0.054	39.921	-0.042	44.789	-0.001	44.801	-0.013	44.824	-0.047	44.846	-0.022
39.933	-0.027	39.979	-0.019	40.001	-0.007	40.016	0.020	44.864	-0.038	44.877	-0.046	44.898	-0.014	44.916	-0.047
40.038	0.003	40.063	0.001	40.086	-0.015	40.113	0.000	44.940	-0.039	44.960	-0.036	44.984	-0.032	45.008	-0.028
40.136	-0.008	40.160	-0.000	40.184	0.011	40.205	0.011	45.033	-0.021	45.052	-0.017	45.079	-0.010	45.099	0.014
40.230	0.003	40.259	-0.009	40.281	-0.021	40.306	-0.013	45.120	-0.007	45.139	-0.003	45.161	0.005	45.188	0.013
40.329	-0.017	40.348	-0.025	40.374	-0.021	40.395	-0.037	45.211	0.016	45.233	0.016	45.252	0.008	45.271	-0.004
40.429	-0.045	40.459	-0.045	40.489	-0.049	40.517	-0.037	45.290	-0.012	45.307	-0.020	45.325	-0.024	45.339	-0.032
40.548	-0.029	40.581	-0.037	40.606	-0.049	40.632	-0.053	45.362	-0.032	45.379	-0.029	45.397	-0.029	45.416	-0.041
40.654	-0.041	40.682	-0.029	40.695	-0.017	40.717	-0.025	45.431	-0.045	45.447	-0.053	45.467	-0.053	45.486	-0.054
40.746	-0.045	40.770	-0.045	40.789	-0.053	40.814	-0.041	45.514	-0.058	45.535	-0.058	45.555	-0.063	45.576	-0.059
40.832	-0.021	40.854	-0.017	40.871	-0.013	40.891	0.003	45.590	-0.051	45.612	-0.035	45.634	-0.024	45.649	-0.016
40.912	0.019	40.933	0.039	40.957	0.058	40.975	0.051	45.668	-0.016	45.685	-0.016	45.703	-0.020	45.720	-0.028
41.072	0.039	41.087	0.027	41.106	0.035	41.126	0.042	45.741	-0.028	45.760	-0.036	45.779	-0.036	45.804	-0.036
41.142	0.058	41.157	0.058	41.171	0.038	41.184	0.026	45.823	-0.040	45.835	-0.044	45.848	-0.044	45.864	-0.051
41.207	0.006	41.224	-0.009	41.243	-0.018	41.270	-0.006	45.878	-0.047	45.891	-0.039	45.924	-0.035	45.940	-0.031
41.291	-0.011	41.305	-0.015	41.318	-0.019	41.336	-0.015	45.962	-0.031	45.987	-0.031	46.014	-0.026	46.038	-0.026
41.351	-0.019	41.368	-0.036	41.385	-0.036	41.401	-0.052	46.051	-0.006	46.065	-0.006	46.089	0.001	46.119	-0.010
41.497	-0.089	41.440	-0.088	41.459	-0.088	41.475	-0.089	46.149	-0.003	46.173	0.005	46.199	0.005	46.232	0.001
41.582	-0.061	41.604	-0.042	41.626	-0.038	41.650	-0.022	46.270	0.001	46.306	-0.003	46.337	0.013	46.370	0.012
41.674	-0.026	41.688	-0.026	41.704	-0.011	41.729	0.005	46.397	0.016	46.431	0.012	46.461	0.012	46.491	0.008
41.754	0.013	41.774	0.016	41.792	-0.004	41.817	-0.035	46.528	0.008	46.569	0.004	46.603	-0.004	46.654	-0.004
41.842	-0.039	41.862	-0.036	41.881	-0.028	41.902	-0.016	46.682	-0.007	46.707	0.000	46.738	0.004	46.789	0.004
41.926	-0.009	41.947	-0.005	41.963	-0.017	41.983	0.002	46.833	0.004	46.875	-0.001	46.915	0.003	46.945	-0.006
42.009	0.022	42.034	0.041	42.059	0.061	42.083	0.045	46.975	-0.014	46.996	-0.022	47.024	-0.034	47.048	-0.034
42.103	0.028	42.124	0.001	42.145	-0.015	42.168	-0.015	47.072	-0.038	47.103	-0.046	47.125	-0.054	47.140	-0.046
42.190	-0.011	42.208	-0.027	42.226	-0.050	42.242	-0.062	47.160	-0.034	47.178	-0.030	47.197	-0.026	47.219	-0.022
42.266	-0.077	42.290	-0.085	42.313	-0.109	42.341	-0.101	47.242	-0.025	47.260	-0.017	47.283	-0.022	47.310	-0.002
42.362	-0.096	42.385	-0.100	42.410	-0.088	42.430	-0.081	47.326	0.009	47.346	0.001	47.369	0.009	47.388	0.012
42.450	-0.049	42.471	-0.053	42.498	-0.041	42.528	-0.037	47.413	0.012	47.440	0.011	47.463	0.015	47.500	0.013
42.552	-0.045	42.574	-0.029	42.600	-0.017	42.625	-0.002	47.533	0.016	47.562	0.016	47.592	0.015	47.625	0.011
42.651	0.006	42.671	-0.002	42.696	-0.010	42.721	0.006	47.644	0.011	47.674	0.006	47.704	-0.002	47.729	0.006
42.741	0.022	42.766	0.038	42.790	0.042	42.807	0.046	47.761	-0.014	47.783	-0.026	47.801	-0.030	47.824	-0.034
42.827	0.058	42.848	0.062	42.869	0.063	42.891	0.059	47.842	-0.042	47.861	-0.042	47.882	-0.038	47.903	-0.031
42.917	0.036	42.947	0.041	42.975	0.041	42.997	0.058	47.923	-0.027	47.939	-0.024	47.957	-0.028	47.971	-0.028
43.017	0.050	43.037	0.039	43.059	0.027	43.082	0.036	48.047	-0.012	48.062	-0.005	48.076	0.015	48.094	0.023
43.102	0.032	43.123	0.013	43.145	0.001	43.166	-0.030	48.113	0.035	48.128	0.043	48.154	0.047	48.176	0.051
43.188	-0.037	43.213	-0.041	43.232	-0.049	43.250	-0.056	48.203	0.052	48.221	0.048	48.243	0.052	48.259	0.055
43.275	-0.068	43.300	-0.060	43.320	-0.056	43.342	-0.056	48.279	0.059	48.302	0.063	48.319	0.063	48.342	0.063
43.366	-0.044	43.389	-0.028	43.410	-0.024	43.430	-0.020	48.361	0.058	48.386	0.054	48.409	0.050	48.433	0.037
43.452	-0.012	43.473	-0.008	43.497	-0.005	43.518	0.007	48.451	0.033	48.474	0.025	48.499	0.025	48.521	0.021
43.540	0.014	43.561	0.022	43.581	0.025	43.604	0.033	48.550	0.020	48.573	0.024	48.594	0.038	48.618	0.004
43.624	0.021	43.643	0.005	43.666	0.000	43.684	-0.008	48.639	0.004	48.662	-0.004	48.690	-0.019	48.718	-0.027
43.701	-0.008	43.721	-0.005	43.746	-0.001	43.770	-0.015	48.742	-0.035	48.767	-0.047	48.792	-0.043	48.825	-0.051
43.789	0.023	43.806	0.030	43.831	0.026	43.855	0.022	48.854	-0.051	48.883	-0.043	48.905	-0.031	48.938	-0.019
43.883	0.026	43.904	0.010	43.925	0.018	43.946	0.022	48.912	-0.018	48.935	-0.018	48.955	-0.006	48.983	-0.002
43.965	-0.010	43.984	-0.001	44.004	-0.025	44.029	-0.036	49.092	0.002	49.128	0.010	49.159	0.017	49.195	0.016
44.049	-0.048	44.067	-0.052	44.088	-0.057	44.108	-0.049	49.237	0.015	49.262	0.018	49.286	0.021	49.320	0.024
44.129	-0.045	44.148	-0.042	44.172	-0.046	44.173	-0.046	49.339	0.031	49.356	0.026	49.374	0.022	49.397	0.013
								49.419	0.005	49.435	-0.011	49.454	-0.016	49.475	-0.020

49.499	-0.021	49.522	-0.017	49.542	-0.010	49.572	-0.026	55.030	-0.020	55.047	-0.020	55.061	-0.023	55.076	-0.023
49.600	-0.022	49.625	-0.026	49.646	-0.030	49.671	-0.030	55.085	-0.026	55.098	-0.026	55.114	-0.022	55.132	-0.025
49.695	-0.034	49.720	-0.026	49.743	-0.022	49.763	-0.038	55.149	-0.025	55.167	-0.024	55.182	-0.024	55.198	-0.015
49.787	-0.045	49.812	-0.053	49.837	-0.060	49.864	-0.068	55.213	-0.019	55.229	-0.011	55.247	-0.016	55.260	-0.010
49.885	-0.068	49.905	-0.056	49.934	-0.047	49.953	-0.035	55.279	-0.021	55.296	-0.021	55.315	-0.016	55.330	-0.008
49.970	-0.023	49.993	-0.019	50.016	-0.012	50.031	-0.004	55.346	-0.016	55.361	-0.028	55.382	-0.029	55.403	-0.022
50.045	-0.000	50.066	0.008	50.083	0.015	50.102	0.019	55.424	-0.023	55.444	-0.019	55.465	-0.008	55.478	-0.017
50.121	0.011	50.137	0.011	50.161	0.015	50.186	0.015	55.499	-0.010	55.514	-0.010	55.528	-0.003	55.544	0.000
50.211	0.010	50.239	0.018	50.258	0.018	50.284	0.019	55.561	-0.004	55.582	-0.001	55.598	0.002	55.622	0.005
50.306	0.019	50.331	0.023	50.362	0.023	50.387	0.023	55.637	0.001	55.652	-0.008	55.667	-0.005	55.686	-0.010
50.41	0.023	50.438	0.023	50.463	0.019	50.490	0.019	55.712	-0.011	55.721	-0.004	55.734	-0.016	55.750	-0.013
50.521	0.019	50.549	0.019	50.583	0.018	50.605	0.022	55.767	-0.010	55.783	-0.001	55.798	-0.016	55.816	-0.017
50.632	0.019	50.654	0.015	50.677	0.011	50.697	0.003	55.832	-0.022	55.843	-0.022	55.860	-0.023	55.874	-0.016
50.718	-0.004	50.738	-0.016	50.755	-0.024	50.777	-0.032	55.891	-0.021	55.903	-0.021	55.918	-0.022	55.934	-0.019
50.800	-0.035	50.816	-0.035	50.843	-0.039	50.865	-0.043	55.952	-0.024	55.967	-0.023	55.984	-0.019	55.998	-0.015
50.888	-0.047	50.906	-0.047	50.930	-0.047	50.957	-0.047	56.011	-0.027	56.030	-0.031	56.042	-0.023	56.063	-0.015
50.984	-0.051	51.009	-0.051	51.032	-0.047	51.054	-0.044	56.082	-0.023	56.101	-0.019	56.114	-0.007	56.130	-0.003
51.076	-0.032	51.096	-0.020	51.113	-0.012	51.133	-0.005	56.145	-0.001	56.166	0.005	56.189	0.009	56.205	0.009
51.152	0.007	51.171	0.015	51.193	0.023	51.201	0.023	56.227	0.016	56.247	0.020	56.264	0.019	56.289	0.022
51.223	0.030	51.253	0.030	51.280	0.038	51.297	0.038	56.308	0.014	56.326	0.029	56.342	0.029	56.360	0.028
51.315	0.030	51.348	0.027	51.376	0.007	51.407	-0.009	56.376	-0.008	56.397	0.003	56.417	-0.009	56.436	-0.014
51.439	-0.024	51.463	-0.016	51.484	-0.020	51.500	-0.028	56.453	-0.026	56.472	-0.027	56.492	-0.033	56.510	-0.042
51.524	-0.028	51.546	-0.044	51.579	-0.036	51.607	-0.061	56.526	-0.051	56.544	-0.049	56.557	-0.054	56.573	-0.055
51.634	-0.065	51.664	-0.057	51.682	-0.034	51.702	-0.046	56.587	-0.041	56.607	-0.050	56.629	-0.067	56.652	-0.065
51.727	-0.036	51.749	-0.043	51.783	-0.051	51.808	-0.043	56.671	-0.0363	56.688	-0.060	56.707	-0.065	56.725	-0.067
51.834	-0.036	51.865	-0.040	51.890	-0.033	51.911	-0.029	56.746	-0.057	56.761	-0.054	56.782	-0.046	56.802	-0.038
51.932	-0.025	51.953	-0.025	51.972	-0.013	51.995	-0.002	56.820	-0.046	56.845	-0.054	56.867	-0.058	56.887	-0.070
52.015	0.014	52.035	0.018	52.055	0.034	52.073	0.034	56.882	-0.058	56.903	-0.046	56.927	-0.041	56.948	-0.041
52.090	0.034	52.121	0.038	52.151	0.038	52.182	0.038	56.969	-0.025	56.988	-0.033	57.004	-0.029	57.024	-0.021
52.207	0.034	52.235	0.029	52.269	0.029	52.299	0.013	57.039	-0.013	57.060	-0.008	57.080	-0.000	57.100	0.000
52.321	0.005	52.348	0.001	52.384	-0.007	52.418	-0.011	57.115	-0.017	57.130	0.004	57.151	0.009	57.169	0.009
52.443	-0.015	52.471	-0.011	52.505	-0.011	52.533	-0.007	57.185	0.008	57.208	0.008	57.229	0.003	57.248	0.006
52.560	-0.004	52.583	0.000	52.614	0.004	52.647	-0.000	57.270	0.012	57.296	-0.001	57.315	0.006	57.339	0.009
52.674	-0.000	52.696	-0.008	52.723	0.003	52.754	0.003	57.361	-0.000	57.382	-0.005	57.405	0.001	57.426	0.004
52.784	0.003	52.815	0.007	52.837	0.020	52.858	0.016	57.448	-0.005	57.476	-0.034	57.501	-0.034	57.524	-0.022
52.877	0.017	52.901	0.010	52.921	0.002	52.949	-0.013	57.540	-0.034	57.558	-0.030	57.579	-0.027	57.599	-0.027
52.980	-0.028	53.007	-0.032	53.031	-0.039	53.054	-0.039	57.620	-0.035	57.638	-0.031	57.655	-0.027	57.678	-0.035
53.078	-0.043	53.102	-0.051	53.125	-0.051	53.148	-0.051	57.700	-0.035	57.719	-0.035	57.741	-0.038	57.759	-0.038
53.167	-0.047	53.195	-0.039	53.224	-0.043	53.246	-0.035	57.778	-0.025	57.799	-0.025	57.820	-0.032	57.840	-0.007
53.270	-0.027	53.294	-0.015	53.325	-0.007	53.356	0.000	57.860	-0.019	57.882	-0.006	57.897	-0.010	57.915	-0.014
53.382	0.013	53.409	0.025	53.434	0.033	53.454	0.037	57.935	-0.006	57.953	-0.010	57.971	0.002	57.997	0.002
53.473	0.042	53.500	0.043	53.522	0.048	53.543	0.036	58.020	0.002	58.044	0.002	58.064	0.002	58.087	-0.010
53.568	0.029	53.580	0.021	53.602	0.018	53.623	0.018	58.107	-0.010	58.132	-0.006	58.153	-0.001	58.178	-0.007
53.638	0.014	53.669	0.010	53.695	0.005	53.719	0.001	58.200	-0.007	58.223	-0.003	58.244	0.001	58.264	0.000
53.747	-0.010	53.775	-0.018	53.802	-0.030	53.819	-0.030	58.285	-0.000	58.310	0.004	58.328	0.008	58.347	-0.000
53.841	-0.033	53.864	-0.025	53.894	-0.024	53.916	-0.020	58.365	0.015	58.386	0.015	58.408	0.015	58.426	0.003
53.948	-0.024	53.970	-0.021	54.001	-0.034	54.027	-0.022	58.440	-0.001	58.459	-0.009	58.477	-0.001	58.499	0.007
54.054	-0.026	54.081	-0.025	54.109	-0.032	54.140	-0.023	58.516	0.019	58.534	0.007	58.550	0.007	58.565	-0.001
54.169	-0.014	54.192	-0.005	54.212	-0.004	54.239	-0.004	58.574	-0.005	58.587	-0.017	58.602	-0.033	58.615	-0.025
54.262	-0.007	54.292	-0.007	54.327	-0.011	54.355	-0.015	58.633	-0.017	58.647	-0.021	58.659	-0.033	58.676	-0.009
54.382	-0.014	54.420	-0.013	54.450	-0.016	54.475	-0.010	58.694	-0.017	58.712	-0.014	58.729	-0.034	58.739	-0.042
54.517	-0.012	54.543	-0.006	54.571	-0.000	54.607	-0.006	58.750	-0.046	58.765	-0.046	58.780	-0.034	58.796	-0.019
54.635	-0.001	54.662	-0.004	54.682	-0.004	54.709	-0.007	58.812	-0.039	58.830	-0.027	58.842	-0.031	58.857	-0.035
54.731	-0.010	54.761	-0.010	54.794	-0.004	54.821	-0.008	58.875	-0.024	58.890	-0.036	58.904	-0.036	58.918	-0.040
54.857	-0.006	54.881	-0.006	54.907	-0.009	54.922	-0.012	58.933	-0.013	58.946	-0.005	58.961	-0.021	58.977	-0.010
54.936	-0.020	54.955	-0.019	54.976	-0.018	55.005	-0.017	58.995	-0.026	59.015	-0.006	59.035	-0.026	59.052	-0.015

59.069	-0.007	59.086	-0.008	59.107	-0.000	59.124	-0.004	63.273	-0.002	63.296	0.010	63.317	0.006	63.341	0.006
59.140	-0.001	59.155	-0.013	59.169	-0.017	59.186	-0.006	63.359	0.006	63.382	0.030	63.399	0.026	63.418	-0.006
59.203	0.002	59.220	0.009	59.235	0.005	59.255	0.005	63.440	-0.010	63.458	0.024	63.480	0.021	63.500	0.021
59.276	0.017	59.295	0.036	59.309	0.044	59.328	0.036	63.523	-0.003	63.544	0.024	63.564	0.016	63.585	0.016
59.361	0.036	59.355	0.051	59.368	0.047	59.383	0.047	63.610	0.036	63.632	0.031	63.652	0.007	63.673	0.019
59.397	0.055	59.416	0.070	59.437	0.062	59.456	0.070	63.692	0.027	63.709	0.015	63.726	0.005	63.739	-0.001
59.473	0.066	59.491	0.058	59.511	0.042	59.532	0.058	63.760	0.015	63.778	-0.005	63.800	-0.005	63.819	0.007
59.548	0.074	59.568	0.090	59.585	0.066	59.609	0.086	63.833	-0.013	63.850	-0.005	63.865	-0.025	63.887	-0.033
59.630	0.067	59.654	0.071	59.675	0.036	59.695	0.044	63.907	-0.033	63.927	-0.041	63.945	-0.021	63.964	-0.001
59.714	0.020	59.732	0.016	59.749	0.036	59.763	0.017	63.982	-0.005	63.999	0.017	64.022	-0.025	64.045	-0.024
59.783	0.005	59.800	-0.003	59.815	-0.003	59.832	-0.031	64.067	-0.000	64.091	-0.004	64.114	-0.000	64.136	-0.020
59.850	-0.042	59.868	-0.030	59.884	-0.018	59.897	-0.003	64.160	-0.008	64.184	0.008	64.205	0.013	64.226	-0.021
59.916	-0.006	59.938	-0.003	59.963	0.004	59.982	-0.004	64.244	-0.006	64.262	0.023	64.283	0.023	64.304	0.012
60.002	0.003	60.020	0.003	60.038	0.042	60.054	0.033	64.326	0.021	64.346	0.006	64.371	0.006	64.394	-0.005
60.070	0.033	60.090	0.024	60.110	0.008	60.127	0.023	64.418	-0.004	64.439	-0.019	64.460	-0.010	64.482	-0.018
60.145	0.019	60.165	0.006	60.180	-0.002	60.199	0.029	64.503	-0.013	64.529	0.004	64.544	-0.023	64.569	-0.023
60.215	-0.004	60.236	-0.012	60.257	-0.029	60.274	-0.033	64.596	-0.006	64.622	-0.013	64.652	-0.012	64.676	-0.020
60.296	-0.038	60.312	-0.031	60.333	-0.024	60.353	-0.037	64.702	-0.008	64.729	-0.011	64.758	0.005	64.779	-0.006
60.366	-0.049	60.384	-0.042	60.410	-0.031	60.434	-0.039	64.802	0.002	64.826	0.014	64.851	0.026	64.870	0.023
60.458	-0.028	60.475	-0.044	60.492	-0.044	60.508	-0.063	64.890	0.031	64.912	0.035	64.940	0.067	64.958	0.027
60.526	-0.048	60.550	-0.044	60.574	-0.052	60.593	-0.048	64.979	0.015	64.997	0.012	65.019	0.020	65.044	0.024
60.614	-0.036	60.632	-0.044	60.654	-0.032	60.672	-0.028	65.067	0.020	65.093	0.016	65.121	0.016	65.146	-0.034
60.688	-0.024	60.703	-0.023	60.718	-0.027	60.732	-0.006	65.172	0.004	65.192	0.004	65.218	-0.004	65.242	0.008
60.744	-0.034	60.760	-0.037	60.775	-0.025	60.792	-0.028	65.270	0.008	65.292	0.008	65.317	-0.004	65.343	0.000
60.808	-0.016	60.825	-0.035	60.838	-0.019	60.853	-0.006	65.363	-0.004	65.389	-0.004	65.409	0.027	65.434	-0.011
60.871	0.010	60.888	0.015	60.902	-0.009	60.923	-0.012	65.459	-0.015	65.490	0.000	65.512	-0.011	65.537	0.007
60.947	0.009	60.966	0.025	60.983	0.026	61.003	0.011	65.568	-0.007	65.592	-0.007	65.616	-0.004	65.640	0.000
61.020	0.003	61.041	0.012	61.060	0.004	61.078	0.001	65.666	-0.004	65.691	-0.008	65.711	-0.008	65.736	-0.012
61.095	0.002	61.115	-0.002	61.134	0.003	61.150	-0.005	65.764	-0.008	65.792	-0.024	65.822	-0.024	65.850	-0.024
61.168	-0.016	61.184	-0.011	61.204	-0.007	61.222	-0.019	65.879	-0.024	65.906	-0.025	65.939	-0.036	65.969	-0.032
61.239	-0.015	61.260	-0.004	61.279	0.000	61.300	-0.004	65.997	-0.028	66.021	-0.040	66.036	-0.036	66.048	-0.036
61.322	-0.017	61.347	0.004	61.368	-0.004	61.386	-0.004	66.058	-0.032	66.077	-0.039	66.095	-0.035	66.113	-0.031
61.406	0.008	61.422	-0.004	61.444	-0.011	61.461	-0.004	66.128	-0.035	66.141	-0.015	66.156	-0.023	66.171	-0.011
61.483	-0.008	61.507	-0.015	61.529	-0.008	61.547	0.000	66.191	-0.007	66.210	-0.007	66.229	-0.003	66.243	-0.001
61.563	0.012	61.579	-0.004	61.596	-0.004	61.611	-0.023	66.263	0.028	66.282	-0.003	66.300	0.020	66.315	-0.001
61.630	-0.016	61.648	-0.023	61.669	-0.035	61.694	-0.025	66.331	-0.005	66.349	0.006	66.367	0.005	66.387	0.020
61.715	-0.011	61.731	-0.043	61.750	-0.035	61.769	-0.025	66.406	0.011	66.425	0.014	66.442	0.029	66.457	0.000
61.789	-0.031	61.806	-0.043	61.824	-0.042	61.839	-0.035	66.477	-0.001	66.498	0.006	66.516	0.013	66.535	0.008
61.856	-0.042	61.874	-0.030	61.894	-0.022	61.911	-0.018	66.553	0.019	66.572	0.010	66.593	0.021	66.611	0.009
61.930	-0.010	61.949	-0.010	61.967	-0.002	61.992	-0.002	66.631	0.012	66.652	0.012	66.671	0.007	66.693	0.019
62.011	0.003	62.032	0.019	62.049	0.023	62.068	0.031	66.712	0.018	66.730	0.018	66.747	0.014	66.764	0.017
62.090	0.039	62.110	0.031	62.125	0.047	62.141	0.044	66.783	0.021	66.803	0.020	66.822	0.008	66.841	0.008
62.154	0.040	62.172	0.029	62.189	0.041	62.208	0.042	66.861	0.007	66.883	0.003	66.899	0.003	66.915	0.003
62.228	0.031	62.252	0.039	62.271	0.036	62.286	0.009	66.933	0.008	66.951	0.001	66.969	0.029	66.987	-0.006
62.305	0.009	62.325	-0.006	62.342	-0.013	62.363	-0.013	67.006	-0.005	67.018	-0.005	67.037	-0.012	67.060	-0.015
62.385	0.019	62.401	-0.016	62.421	-0.020	62.441	-0.009	67.079	-0.003	67.099	-0.010	67.117	-0.005	67.134	-0.009
62.458	0.007	62.483	-0.028	62.500	-0.009	62.521	-0.021	67.153	-0.008	67.170	-0.008	67.186	-0.004	67.205	-0.004
62.547	-0.025	62.565	-0.009	62.583	-0.017	62.605	-0.025	67.220	-0.011	67.240	-0.007	67.259	-0.007	67.274	-0.023
62.626	-0.021	62.643	-0.006	62.658	-0.001	62.677	0.009	67.292	-0.023	67.310	-0.019	67.330	-0.022	67.353	-0.018
62.656	0.001	62.711	-0.003	62.729	-0.003	62.749	-0.008	67.371	-0.018	67.387	-0.014	67.402	-0.018	67.423	-0.011
62.772	-0.012	62.791	0.011	62.811	0.003	62.833	-0.001	67.447	-0.011	67.467	-0.007	67.484	-0.007	67.500	0.004
62.863	-0.013	62.888	0.019	62.906	0.007	62.920	-0.001	67.519	0.016	67.541	0.008	67.558	0.015	67.578	0.023
62.940	-0.001	62.959	0.008	62.983	0.004	63.005	-0.012	67.596	-0.023	67.613	0.023	67.634	0.038	67.655	0.042
63.023	-0.011	63.049	0.009	63.065	0.001	63.082	-0.007	67.676	0.034	67.693	0.026	67.706	0.026	67.725	0.049
63.098	-0.011	63.118	-0.001	63.140	0.001	63.158	-0.002	67.746	0.041	67.764	0.037	67.783	0.029	67.805	0.020
63.179	0.002	63.203	0.006	63.228	-0.010	63.253	-0.010	67.826	0.004	67.845	0.008	67.865	0.004	67.887	-0.004

67.903	-0.001	67.922	0.003	67.937	-0.009	67.958	0.010	73.083	-0.062	73.107	-0.013	73.128	-0.037	73.150	-0.022
67.977	-0.006	67.996	0.005	68.016	0.000	68.037	0.004	73.169	-0.022	73.192	-0.014	73.212	-0.011	73.233	-0.019
68.061	-0.020	68.085	-0.013	68.104	-0.006	68.120	-0.002	73.254	-0.011	73.274	-0.027	73.294	-0.039	73.311	-0.020
68.140	-0.006	68.159	-0.007	68.179	-0.015	68.195	0.003	73.332	-0.028	73.350	-0.024	73.371	0.000	73.387	-0.016
68.213	0.000	68.235	0.015	68.257	0.015	68.277	0.005	73.407	-0.004	73.427	0.008	73.447	0.016	73.465	0.016
68.298	0.018	68.318	-0.010	68.338	-0.006	68.361	0.005	73.486	0.004	73.510	0.040	73.528	0.008	73.551	0.008
68.383	0.001	68.403	-0.012	68.428	-0.000	68.449	0.004	73.572	-0.003	73.592	0.009	73.617	0.037	73.645	0.009
68.471	-0.020	68.490	-0.025	68.514	-0.009	68.532	0.007	73.673	0.049	73.693	0.038	73.718	0.027	73.735	0.063
68.552	-0.006	68.573	-0.006	68.589	-0.002	68.609	0.002	73.750	0.004	73.778	0.037	73.795	0.038	73.813	0.011
68.632	0.005	68.661	0.037	68.682	0.010	68.703	0.045	73.835	0.035	73.859	0.028	73.887	0.025	73.914	0.034
68.728	0.053	68.752	0.026	68.782	0.030	68.806	0.038	73.941	0.020	73.971	0.024	73.998	0.024	74.028	0.028
68.825	0.015	68.850	0.011	68.873	0.011	68.902	0.011	74.049	0.024	74.077	0.009	74.102	0.005	74.122	0.021
68.928	0.011	68.958	-0.001	68.988	0.019	69.015	0.007	74.151	0.029	74.175	0.033	74.195	0.012	74.224	0.035
69.039	0.011	69.084	-0.001	69.088	-0.001	69.117	-0.002	74.248	0.058	74.265	0.022	74.293	0.030	74.312	0.009
69.142	-0.007	69.170	-0.004	69.189	-0.016	69.213	-0.025	74.334	0.024	74.362	0.043	74.385	0.003	74.414	0.035
69.240	-0.014	69.267	-0.007	69.288	-0.020	69.309	-0.020	74.433	-0.020	74.453	-0.025	74.473	-0.017	74.495	-0.021
69.336	-0.001	69.363	0.002	69.388	0.018	69.414	0.002	74.513	-0.033	74.533	-0.022	74.560	-0.005	74.584	-0.005
69.443	-0.042	69.467	0.030	69.489	-0.001	69.521	0.030	74.608	-0.010	74.630	-0.017	74.653	-0.013	74.676	-0.009
69.544	-0.009	69.572	0.003	69.595	-0.001	69.619	0.007	74.698	-0.001	74.720	0.015	74.745	0.042	74.766	-0.005
69.643	0.039	69.671	0.035	69.696	0.020	69.720	0.001	74.792	-0.009	74.822	0.003	74.852	0.035	74.880	0.039
69.743	0.009	69.771	0.009	69.795	0.018	69.827	0.026	74.900	0.003	74.922	-0.005	74.947	-0.001	74.973	0.058
69.850	0.002	69.875	0.006	69.897	0.010	69.920	0.017	74.995	0.037	75.021	0.011	75.046	0.034	75.067	0.003
69.950	0.037	69.975	0.013	70.003	0.037	70.026	0.025	75.087	0.006	75.113	0.006	75.135	-0.001	75.162	0.050
70.055	0.036	70.081	0.028	70.104	0.055	70.130	0.047	75.190	0.038	75.218	0.058	75.243	0.019	75.272	0.027
70.155	0.031	70.181	0.031	70.206	0.035	70.233	0.030	75.297	0.043	75.324	0.020	75.349	0.012	75.372	0.040
70.263	0.038	70.286	0.046	70.313	0.033	70.337	0.037	75.393	0.020	75.415	0.032	75.446	0.040	75.478	0.004
70.364	0.057	70.388	0.049	70.412	0.053	70.436	0.045	75.507	0.065	75.526	0.002	75.555	0.014	75.579	0.006
70.459	0.041	70.482	0.045	70.506	0.029	70.532	0.021	75.602	0.026	75.627	0.019	75.655	0.007	75.684	0.011
70.558	0.037	70.586	0.045	70.614	0.029	70.640	0.033	75.708	0.031	75.733	0.019	75.751	0.015	75.772	0.011
70.671	0.041	70.696	0.065	70.722	0.010	70.747	0.018	75.797	0.019	75.827	0.027	75.850	0.031	75.874	0.039
70.770	0.011	70.795	0.019	70.820	0.023	70.846	0.027	75.904	0.039	75.933	0.015	75.962	0.039	75.989	0.023
70.869	0.020	70.895	0.048	70.921	0.040	70.941	0.040	76.017	0.019	76.038	0.011	76.061	0.007	76.083	-0.001
70.963	0.060	70.988	0.060	71.012	0.048	71.039	0.052	76.107	0.003	76.130	-0.005	76.150	0.007	76.176	0.011
71.062	0.036	71.086	0.032	71.112	0.024	71.136	0.024	76.196	-0.000	76.220	-0.016	76.243	-0.016	76.269	-0.012
71.163	0.023	71.186	0.034	71.210	0.006	71.236	0.021	76.287	-0.024	76.307	-0.020	76.333	-0.008	76.361	-0.004
71.262	0.048	71.283	0.027	71.305	0.019	71.330	-0.002	76.385	-0.023	76.410	-0.019	76.428	-0.019	76.451	0.008
71.353	-0.011	71.372	-0.007	71.397	-0.004	71.420	-0.028	76.478	-0.019	76.507	-0.023	76.530	-0.019	76.556	-0.023
71.442	-0.029	71.463	-0.033	71.484	-0.038	71.505	-0.043	76.585	-0.007	76.612	-0.003	76.639	-0.015	76.664	0.001
71.518	-0.043	71.537	-0.043	71.559	-0.044	71.575	-0.021	76.684	-0.010	76.711	0.006	76.736	-0.017	76.760	-0.009
71.593	-0.025	71.617	-0.026	71.637	-0.030	71.658	-0.046	76.784	0.027	76.806	0.000	76.828	0.013	76.854	0.005
71.676	-0.022	71.694	-0.010	71.719	-0.002	71.739	0.006	76.876	-0.006	76.903	0.011	76.926	-0.012	76.947	-0.008
71.760	-0.021	71.783	-0.013	71.808	-0.013	71.830	-0.013	76.974	-0.015	76.997	-0.022	77.021	-0.002	77.043	-0.017
71.852	-0.001	71.875	-0.008	71.899	-0.012	71.924	-0.016	77.065	-0.012	77.086	-0.028	77.110	-0.019	77.128	-0.018
71.949	-0.012	71.979	-0.015	71.999	-0.023	72.021	-0.011	77.149	-0.015	77.169	-0.007	77.189	-0.003	77.213	-0.019
72.043	0.002	72.064	-0.014	72.084	-0.002	72.103	-0.017	77.231	-0.015	77.254	-0.003	77.286	-0.011	77.306	-0.007
72.121	-0.025	72.140	-0.017	72.160	-0.029	72.176	-0.025	77.347	-0.007	77.361	0.000	77.381	0.000	77.406	-0.011
72.194	-0.022	72.209	-0.026	72.231	-0.035	72.249	-0.012	77.481	-0.011	77.526	-0.011	77.562	-0.004	77.604	-0.004
72.268	-0.020	72.283	-0.013	72.301	-0.006	72.320	-0.002	77.635	0.008	77.677	0.008	77.717	0.008	77.732	0.004
72.339	0.001	72.358	-0.004	72.382	-0.001	72.412	0.010	77.765	0.004	77.809	0.004	77.850	0.004	77.872	0.000
72.431	0.005	72.449	0.020	72.471	0.014	72.490	0.009	77.913	-0.004	77.959	-0.004	78.036	-0.004	78.074	-0.004
72.513	0.008	72.534	0.002	72.553	0.009	72.576	0.008	78.125	0.000	78.149	0.004	78.182	0.004	78.217	0.004
72.599	-0.005	72.622	0.002	72.646	-0.002	72.667	0.006	78.249	0.004	78.308	0.000	78.398	0.000	78.465	0.000
72.692	0.010	72.711	-0.013	72.733	0.007	72.757	-0.004	78.500	0.004	78.561	0.000	78.625	0.004	78.698	0.004
72.782	-0.020	72.802	-0.020	72.832	-0.051	72.858	-0.026	78.584	0.004	78.644	0.016	78.692	0.016	78.744	0.016
72.883	-0.037	72.910	-0.028	72.938	-0.027	72.958	-0.046	79.053	0.016	79.122	0.016	79.191	0.024	79.236	0.028
72.988	-0.053	73.009	-0.044	73.037	-0.047	73.059	-0.058	79.304	0.028	79.369	0.028	79.406	0.028	79.456	0.024

79.502	0.024	79.554	0.024	79.594	0.020	75.641	0.012	87.146	0.008	87.190	0.008	87.221	0.028	87.265	0.028
79.672	0.012	79.701	0.012	79.744	0.012	75.765	0.004	87.299	0.020	87.339	0.020	87.372	0.016	87.413	0.016
79.797	0.004	79.863	0.004	79.908	0.004	75.948	0.020	87.441	0.016	87.471	0.016	87.509	0.016	87.513	0.016
79.997	0.016	80.040	0.016	80.064	0.012	80.087	0.008	87.546	0.016	87.582	0.016	87.615	0.016	87.615	0.016
80.119	0.008	80.154	0.008	80.182	0.008	80.227	0.008	87.626	0.016	87.647	0.016	87.675	0.016	87.700	0.016
80.254	0.008	80.278	0.016	80.309	0.012	80.346	0.004	87.720	0.016	87.734	0.016	87.744	0.016	87.755	0.016
80.396	0.004	80.452	0.004	80.498	0.004	80.547	0.004	87.767	0.016	87.778	0.016	87.784	0.016	87.815	0.016
80.577	0.004	80.601	0.004	80.635	0.004	80.678	0.004	87.839	0.016	87.862	0.016	87.872	0.016	87.884	0.016
80.714	0.020	80.754	0.020	80.800	0.020	80.844	0.016	87.911	0.016	87.944	0.016	87.986	0.016	88.027	0.016
80.890	0.008	80.953	0.008	80.992	-0.011	81.052	-0.004	88.068	0.028	88.083	0.028	88.092	0.016	88.103	0.016
81.091	0.008	81.147	0.004	81.197	0.004	81.242	0.008	88.112	0.016	88.120	0.016	88.128	0.016	88.138	0.016
81.277	0.020	81.315	0.016	81.353	0.012	81.406	0.016	88.147	0.016	88.153	0.016	88.159	0.016	88.172	0.016
81.451	0.016	81.495	0.016	81.538	0.016	81.569	0.012	88.180	0.016	88.191	0.016	88.202	0.012	88.211	0.012
81.619	0.024	81.663	0.024	81.714	0.024	81.777	0.024	88.221	0.012	88.239	0.012	88.254	0.012	88.265	0.012
81.830	0.024	81.883	0.020	81.940	0.020	81.993	0.020	88.280	0.024	88.293	0.020	88.306	0.016	88.327	0.016
82.037	0.020	82.080	0.016	82.145	0.016	82.228	0.016	88.339	0.016	88.349	0.016	88.360	0.016	88.369	0.020
82.296	0.016	82.357	0.016	82.394	0.012	82.419	0.036	88.386	0.020	88.401	0.024	88.421	0.020	88.433	0.024
82.447	0.036	82.464	0.028	82.482	0.028	82.506	0.028	88.444	0.028	88.467	0.036	88.480	0.020	88.499	0.032
82.533	0.028	82.563	0.032	82.579	0.040	82.595	0.048	88.521	0.020	88.537	0.020	88.555	0.032	88.581	0.032
82.614	0.040	82.638	0.040	82.667	0.044	82.686	0.044	88.596	0.028	88.612	0.028	88.639	0.012	88.661	0.012
82.696	0.036	82.726	0.040	82.760	0.040	82.786	0.040	88.687	0.016	88.702	0.028	88.721	0.028	88.739	0.012
82.808	0.048	82.829	0.048	82.853	0.044	82.876	0.040	88.763	0.012	88.786	0.016	88.809	0.024	88.845	0.012
82.916	0.040	82.961	0.036	83.000	0.024	83.047	0.024	88.888	0.004	88.914	0.008	88.934	0.004	88.954	0.004
83.074	0.032	83.102	0.028	83.130	0.016	83.153	0.016	88.977	0.004	88.990	0.004	89.005	0.004	89.021	0.000
83.174	0.028	83.221	0.032	83.273	0.028	83.303	0.020	89.035	0.000	89.059	0.000	89.083	0.000	89.100	0.000
83.342	0.020	83.375	0.020	83.395	0.020	83.421	0.020	89.114	0.000	89.130	0.004	89.146	0.004	89.158	0.004
83.456	0.020	83.494	0.020	83.522	0.012	83.549	0.016	89.173	0.004	89.193	-0.004	89.208	-0.004	89.225	-0.004
83.563	0.016	83.577	0.024	83.597	0.028	83.607	0.032	89.242	-0.007	89.260	-0.007	89.277	-0.015	89.291	-0.011
83.608	0.028	83.632	0.020	83.650	0.020	83.668	0.004	89.317	-0.003	89.338	-0.011	89.357	-0.007	89.378	-0.006
83.703	0.004	83.738	0.012	83.765	0.028	83.795	0.028	89.393	-0.010	89.414	-0.010	89.432	-0.009	89.450	0.000
83.820	0.028	83.851	0.028	83.886	0.028	83.917	0.036	89.471	0.001	89.495	0.003	89.517	0.004	89.536	0.010
83.959	0.036	83.999	0.028	84.039	0.020	84.069	0.028	89.553	0.019	89.567	0.023	89.579	0.016	89.590	0.021
84.109	0.028	84.129	0.016	84.166	0.016	84.212	0.016	89.616	0.038	89.647	0.023	89.667	0.039	89.686	0.031
84.249	0.016	84.304	0.028	84.344	0.036	84.385	0.032	89.710	0.032	89.722	0.032	89.744	0.032	89.762	0.036
84.417	0.032	84.450	0.028	84.475	0.036	84.498	0.048	89.777	0.036	89.793	0.036	89.817	0.036	89.834	0.036
84.522	0.056	84.550	0.028	84.572	0.028	84.597	0.040	89.855	0.044	89.871	0.040	89.897	0.036	89.926	0.024
84.623	0.056	84.648	0.048	84.672	0.036	84.697	0.024	89.951	0.024	89.971	0.024	89.991	0.024	90.040	0.028
84.718	0.016	84.740	0.016	84.764	0.028	84.793	0.043	90.077	0.028	90.106	0.016	90.139	0.028	90.169	0.028
84.805	0.035	84.826	0.039	84.854	0.027	84.876	0.015	90.204	0.048	90.222	0.048	90.245	0.044	90.267	0.044
84.891	0.003	84.913	0.006	84.938	0.030	84.962	0.037	90.285	0.044	90.316	0.052	90.335	0.052	90.353	0.052
84.985	0.033	85.020	0.032	85.074	0.031	85.128	0.030	90.371	0.052	90.387	0.052	90.403	0.052	90.423	0.044
85.172	0.037	85.202	0.037	85.236	0.021	85.265	0.020	90.461	0.044	90.462	0.044	90.484	0.044	90.502	0.044
85.295	0.036	85.328	0.036	85.359	0.024	85.430	0.024	90.527	0.044	90.554	0.044	90.580	0.044	90.604	0.044
85.474	0.016	85.511	0.016	85.540	0.016	85.562	0.024	90.632	0.044	90.637	0.044	90.659	0.044	90.680	0.060
85.583	0.016	85.614	0.016	85.649	0.016	85.671	0.020	90.804	0.060	90.816	0.060	90.838	0.060	90.857	0.060
85.692	0.020	85.716	0.024	85.753	0.020	85.796	0.024	90.877	0.060	90.895	0.060	90.917	0.060	90.935	0.060
85.820	0.024	85.841	0.024	85.882	0.012	85.904	0.034	90.952	0.056	90.966	0.044	90.983	0.044	91.002	0.048
85.931	0.004	85.962	0.004	85.989	0.012	86.020	0.020	91.018	0.060	91.036	0.060	91.062	0.052	91.086	0.044
86.057	0.020	86.082	0.004	86.109	-0.011	86.142	-0.011	91.104	0.044	91.126	0.020	91.141	0.020	91.157	0.036
86.175	-0.004	86.226	-0.004	86.280	-0.004	86.337	-0.004	91.176	0.036	91.207	0.048	91.238	0.048	91.261	0.040
86.379	-0.011	86.426	-0.011	86.468	-0.011	86.517	-0.011	91.280	0.048	91.301	0.044	91.316	0.036	91.335	0.036
86.551	-0.011	86.581	-0.011	86.597	-0.004	86.620	0.004	91.354	0.036	91.374	0.020	91.391	0.024	91.401	0.040
86.641	0.004	86.663	0.016	86.688	0.020	86.714	0.032	91.425	0.040	91.444	0.036	91.473	0.040	91.510	0.044
86.743	0.032	86.786	0.032	86.817	0.032	86.840	0.032	91.529	0.044	91.550	0.044	91.565	0.036	91.585	0.036
86.864	0.020	86.887	0.016	86.953	0.016	86.998	0.016	91.607	0.036	91.622	0.036	91.635	0.044	91.644	0.044
87.030	0.016	87.067	0.020	87.094	0.024	87.122	0.016	91.659	0.044	91.673	0.044	91.682	0.044	91.695	0.044

91.707	0.044	91.724	0.036	91.740	0.036	91.753	0.036	95.748	0.068	95.760	0.064	95.772	0.064	95.787	0.064
91.763	0.036	91.776	0.020	91.789	0.028	91.804	0.028	95.811	0.060	95.823	0.060	95.839	0.064	95.858	0.064
91.820	0.028	91.843	0.028	91.868	0.024	91.890	0.016	95.893	0.064	95.915	0.048	95.942	0.048	95.967	0.056
91.914	0.016	91.933	0.016	91.953	0.016	91.969	0.004	95.989	0.056	96.011	0.056	96.034	0.052	96.051	0.048
91.984	0.012	92.002	0.012	92.017	0.012	92.033	0.004	96.070	0.048	96.086	0.048	96.103	0.040	96.136	0.040
92.047	0.004	92.069	0.004	92.091	0.016	92.115	0.016	96.153	0.040	96.173	0.040	96.190	0.036	96.204	0.036
92.136	0.012	92.158	0.008	92.170	0.008	92.193	0.008	96.219	0.036	96.233	0.040	96.249	0.040	96.272	0.040
92.218	0.004	92.242	0.008	92.254	0.008	92.270	0.008	96.289	0.040	96.314	0.040	96.333	0.040	96.345	0.040
92.290	0.004	92.313	0.004	92.342	0.004	92.376	0.004	96.364	0.036	96.378	0.036	96.393	0.036	96.412	0.036
92.395	0.004	92.418	0.004	92.438	0.004	92.459	0.012	96.433	0.036	96.452	0.040	96.469	0.040	96.489	0.040
92.480	0.012	92.501	0.024	92.519	0.020	92.534	0.020	96.508	0.032	96.524	0.032	96.537	0.032	96.551	0.032
92.559	0.000	92.575	0.024	92.595	0.020	92.610	0.020	96.569	0.032	96.585	0.032	96.605	0.032	96.622	0.032
92.623	0.004	92.641	0.004	92.658	0.008	92.681	0.012	96.638	0.032	96.658	0.032	96.674	0.032	96.690	0.032
92.693	0.012	92.708	0.008	92.725	0.028	92.745	-0.004	96.704	0.032	96.721	0.032	96.739	0.032	96.759	0.032
92.762	0.012	92.781	-0.007	92.796	-0.011	92.815	-0.011	96.772	0.032	96.790	0.032	96.819	0.032	96.839	0.032
92.829	-0.007	92.844	-0.007	92.861	-0.007	92.882	-0.011	96.865	0.032	96.891	0.032	96.912	0.032	96.931	0.032
92.900	-0.018	92.929	-0.016	92.956	-0.015	92.978	-0.011	96.946	0.032	96.967	0.032	96.982	0.032	97.001	0.032
92.990	-0.014	93.014	-0.012	93.033	-0.012	93.055	-0.006	97.020	0.032	97.033	0.032	97.046	0.032	97.060	0.028
93.069	-0.001	93.082	0.000	93.102	-0.005	93.118	-0.004	97.078	0.028	97.097	0.028	97.113	0.024	97.132	0.024
93.137	-0.006	93.154	-0.005	93.172	-0.003	93.190	-0.001	97.146	0.024	97.163	0.024	97.182	0.024	97.195	0.024
93.209	0.001	93.230	0.002	93.250	0.003	93.265	0.004	97.209	0.016	97.226	0.016	97.245	0.016	97.262	0.024
93.277	0.004	93.287	0.005	93.296	0.005	93.314	0.006	97.283	0.028	97.303	0.028	97.326	0.028	97.346	0.028
93.334	0.015	93.359	0.009	93.393	0.010	93.412	0.010	97.368	0.032	97.388	0.032	97.409	0.032	97.421	0.032
93.430	0.010	93.449	0.011	93.465	0.011	93.485	0.011	97.442	0.028	97.461	0.032	97.481	0.032	97.494	0.032
93.502	0.015	93.521	0.020	93.541	0.020	93.561	0.020	97.508	0.032	97.523	0.032	97.541	0.044	97.564	0.040
93.586	0.012	93.600	0.013	93.614	0.013	93.635	0.013	97.583	0.028	97.600	0.028	97.616	0.036	97.632	0.036
93.654	0.017	93.677	0.033	93.699	0.022	93.717	0.026	97.650	0.036	97.668	0.036	97.683	0.036	97.702	0.032
93.733	0.026	93.745	0.026	93.762	0.026	93.777	0.027	97.724	0.032	97.754	0.032	97.772	0.028	97.793	0.028
93.793	0.027	93.809	0.027	93.830	0.027	93.852	0.027	97.814	0.028	97.835	0.024	97.856	0.013	97.877	0.017
93.889	0.031	93.887	0.031	93.905	0.031	93.921	0.032	97.902	0.026	97.921	0.027	97.928	0.027	97.943	0.023
93.933	0.028	93.949	0.024	93.962	0.024	93.976	0.024	97.953	0.020	97.965	0.016	97.984	0.017	98.003	0.026
93.990	0.024	94.003	0.024	94.017	0.024	94.029	0.024	98.019	0.027	98.034	0.028	98.048	0.025	98.072	0.026
94.046	0.024	94.057	0.024	94.076	0.020	94.099	0.020	98.091	0.024	98.106	0.024	98.123	0.025	98.148	0.026
94.119	0.024	94.135	0.024	94.152	0.032	94.171	0.032	98.175	0.027	98.196	0.031	98.217	0.024	98.231	0.024
94.190	0.032	94.211	0.032	94.228	0.032	94.240	0.028	98.244	0.024	98.262	0.024	98.285	0.024	98.301	0.024
94.255	0.036	94.267	0.036	94.280	0.036	94.296	0.044	98.320	0.020	98.342	0.016	98.356	0.016	98.369	0.016
94.308	0.040	94.324	0.040	94.339	0.048	94.355	0.044	98.388	0.016	98.405	0.016	98.423	0.016	98.441	0.016
94.366	0.040	94.384	0.048	94.397	0.048	94.414	0.044	98.459	0.016	98.476	0.016	98.489	0.016	98.509	0.016
94.427	0.044	94.451	0.044	94.471	0.044	94.484	0.044	98.534	0.016	98.552	0.016	98.569	0.016	98.587	0.016
94.507	0.044	94.533	0.044	94.561	0.044	94.584	0.040	98.613	0.012	98.637	0.008	98.650	0.008	98.673	0.008
94.604	0.040	94.623	0.040	94.639	0.040	94.657	0.036	98.689	0.012	98.710	0.012	98.727	0.016	98.744	0.016
94.674	0.036	94.694	0.032	94.715	0.036	94.731	0.036	98.759	0.016	98.776	0.016	98.795	0.008	98.811	0.024
94.742	0.032	94.757	0.032	94.771	0.032	94.783	0.032	98.823	0.020						
94.801	0.032	94.814	0.032	94.829	0.032	94.847	0.032								
94.870	0.036	94.892	0.052	94.907	0.048	94.919	0.048								
94.938	0.048	94.958	0.044	94.979	0.044	94.994	0.048								
95.011	0.052	95.028	0.052	95.037	0.048	95.051	0.048								
95.064	0.048	95.077	0.048	95.086	0.048	95.102	0.044								
95.121	0.060	95.136	0.056	95.155	0.056	95.174	0.055								
95.195	0.051	95.215	0.051	95.232	0.051	95.252	0.051								
95.271	0.063	95.288	0.066	95.306	0.066	95.322	0.065								
95.343	0.061	95.364	0.056	95.392	0.056	95.422	0.055								
95.451	0.062	95.472	0.057	95.493	0.064	95.513	0.063								
95.534	0.059	95.552	0.058	95.569	0.058	95.591	0.057								
95.606	0.057	95.621	0.057	95.637	0.057	95.651	0.057								
95.667	0.056	95.687	0.056	95.706	0.056	95.731	0.060								

INI95

71-140 2/9/71 060CPST SAN JUAN CAPISTRANO

DOWN

5090 POINTS 99.240 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0336 G/10.

TIME		ACCLN		TIME		ACCLN		TIME		ACCLN		TIME		ACCLN		TIME		ACCLN	
TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.061	0.015	-0.018	0.028	0.026	0.036	0.054	2.142	0.023	2.155	0.007	2.170	-0.029	2.187	-0.025	2.204	-0.017	2.219	-0.021
0.050	0.030	0.062	-0.018	0.077	-0.054	0.089	-0.038	2.204	-0.017	2.219	-0.021	2.228	-0.021	2.243	-0.013	2.261	-0.002	2.274	-0.001
0.098	-0.014	0.106	0.018	0.124	0.018	0.138	-0.002	2.261	-0.002	2.274	-0.001	2.288	-0.009	2.298	-0.029	2.312	-0.041	2.324	-0.052
0.149	0.034	0.163	-0.050	0.177	-0.018	0.195	0.002	2.312	-0.041	2.324	-0.052	2.338	0.052	2.352	-0.017	2.363	0.015	2.376	0.043
0.208	-0.002	0.218	-0.002	0.228	-0.014	0.243	-0.022	2.363	0.015	2.376	0.043	2.386	0.043	2.401	0.019	2.413	-0.033	2.424	-0.052
0.255	-0.022	0.269	-0.018	0.285	0.022	0.302	-0.002	2.413	-0.033	2.424	-0.052	2.434	0.064	2.449	-0.036	2.458	-0.016	2.465	0.008
0.318	-0.038	0.332	-0.038	0.355	-0.010	0.370	0.010	2.458	-0.016	2.465	0.008	2.478	0.024	2.489	-0.008	2.501	-0.040	2.516	-0.047
0.387	-0.002	0.402	-0.014	0.413	0.021	0.433	0.033	2.501	-0.040	2.516	-0.047	2.529	-0.035	2.541	-0.007	2.557	0.009	2.569	0.044
0.445	0.033	0.455	0.013	0.467	-0.027	0.482	-0.063	2.557	0.009	2.569	0.044	2.582	0.021	2.595	0.001	2.612	-0.007	2.624	0.025
0.495	-0.039	0.508	-0.003	0.519	0.025	0.525	0.036	2.612	-0.007	2.624	0.025	2.644	0.033	2.659	0.014	2.678	-0.018	2.695	-0.026
0.543	0.005	0.560	-0.035	0.577	-0.059	0.585	-0.024	2.678	-0.018	2.695	-0.026	2.709	0.002	2.728	0.030	2.741	0.032	2.754	-0.022
0.597	0.004	0.609	0.036	0.620	0.032	0.635	-0.004	2.741	0.032	2.754	-0.022	2.765	-0.045	2.780	-0.041	2.788	-0.033	2.802	-0.010
0.644	-0.048	0.654	-0.048	0.665	-0.004	0.678	0.023	2.788	-0.033	2.802	-0.010	2.811	-0.022	2.825	-0.025	2.835	-0.041	2.849	-0.025
0.688	0.043	0.705	0.015	0.716	-0.009	0.729	0.027	2.835	-0.041	2.849	-0.025	2.862	0.002	2.874	0.034	2.886	0.029	2.899	0.034
0.742	0.026	0.752	0.018	0.764	0.010	0.778	-0.026	2.886	0.029	2.899	0.034	2.913	-0.001	2.927	-0.033	2.944	-0.024	2.957	0.007
0.787	-0.054	0.801	-0.077	0.813	0.034	0.823	0.018	2.944	-0.024	2.957	0.007	2.976	-0.009	2.989	-0.025	2.996	-0.033	3.006	0.033
0.839	0.061	0.857	0.037	0.867	-0.031	0.885	-0.063	3.006	0.033	3.018	0.015	3.031	0.035	3.045	0.003	3.066	-0.033	3.082	-0.017
0.900	-0.019	0.909	0.020	0.919	0.044	0.927	0.060	3.066	-0.033	3.082	-0.017	3.091	-0.002	3.107	0.026	3.122	-0.002	3.144	-0.042
0.939	0.032	0.949	-0.004	0.958	-0.032	0.967	-0.048	3.122	-0.002	3.144	-0.042	3.156	-0.018	3.170	-0.001	3.182	0.		

4.228	-0.0015	4.242	-0.014	4.256	0.002	4.269	-0.001	6.946	-0.052	6.962	-0.016	6.974	0.008	6.989	0.035
4.278	0.003	4.288	-0.000	4.300	0.004	4.309	-0.007	7.002	-0.011	7.017	-0.017	7.023	-0.024	7.030	-0.044
4.320	-0.030	4.331	-0.046	4.342	-0.021	4.352	-0.019	7.039	-0.040	7.048	-0.037	7.058	-0.025	7.068	-0.009
4.359	0.009	4.370	0.067	4.380	0.052	4.391	0.016	7.078	-0.011	7.088	0.007	7.103	-0.001	7.116	-0.001
4.402	0.009	4.411	-0.003	4.426	0.010	4.433	0.034	7.125	-0.007	7.141	0.007	7.150	0.011	7.156	0.015
4.441	0.054	4.454	0.070	4.466	0.059	4.478	0.023	7.160	0.022	7.166	0.022	7.175	0.026	7.186	0.038
4.489	0.004	4.500	-0.020	4.511	-0.019	4.521	0.001	7.197	0.034	7.204	-0.009	7.215	-0.033	7.221	-0.049
4.529	0.009	4.537	0.017	4.548	0.010	4.562	-0.006	7.233	-0.057	7.244	-0.045	7.254	-0.022	7.264	0.010
4.571	-0.038	4.586	-0.015	4.599	0.009	4.613	0.021	7.280	0.034	7.295	-0.002	7.307	-0.030	7.317	-0.046
4.626	-0.015	4.643	-0.032	4.657	-0.008	4.668	0.059	7.326	-0.016	7.331	-0.010	7.351	0.002	7.360	-0.002
4.681	0.075	4.698	0.035	4.710	0.003	4.728	-0.018	7.368	-0.014	7.381	-0.041	7.393	-0.053	7.406	-0.037
4.743	-0.002	4.762	0.037	4.773	0.053	4.785	0.021	7.418	-0.025	7.429	-0.008	7.440	0.004	7.458	0.020
4.755	-0.015	4.810	-0.047	4.822	-0.019	4.833	0.012	7.469	0.024	7.473	0.024	7.480	0.024	7.489	0.032
4.850	0.052	4.864	0.016	4.880	-0.024	4.894	-0.044	7.500	0.033	7.508	0.033	7.515	0.029	7.524	0.025
4.908	-0.021	4.918	0.015	4.934	0.055	4.945	0.055	7.531	0.021	7.537	0.021	7.548	0.010	7.555	0.002
4.957	0.043	4.970	0.039	4.984	0.032	4.997	0.020	7.563	0.002	7.579	-0.010	7.579	-0.010	7.586	-0.010
5.014	0.016	5.030	0.012	5.046	0.005	5.063	0.005	7.597	-0.013	7.609	-0.001	7.619	0.011	7.630	0.027
5.078	0.005	5.087	-0.003	5.095	-0.011	5.109	-0.034	7.639	0.023	7.656	0.007	7.664	-0.005	7.676	-0.020
5.121	-0.018	5.136	0.010	5.151	0.010	5.163	0.006	7.691	-0.004	7.697	0.015	7.703	0.039	7.712	0.035
5.176	0.006	5.185	-0.002	5.192	0.002	5.204	0.006	7.718	0.008	7.733	-0.016	7.746	-0.040	7.756	-0.052
5.218	0.022	5.228	0.034	5.235	0.026	5.247	0.018	7.773	-0.044	7.780	-0.024	7.787	-0.012	7.800	0.016
5.260	0.018	5.279	0.018	5.290	-0.002	5.303	-0.014	7.811	-0.004	7.822	-0.023	7.831	-0.035	7.841	-0.039
5.315	0.002	5.327	0.018	5.336	0.030	5.351	0.022	7.849	-0.027	7.857	-0.003	7.867	0.017	7.878	0.021
5.364	-0.002	5.373	-0.026	5.387	-0.030	5.396	-0.022	7.885	0.031	7.896	-0.023	7.903	-0.043	7.912	-0.063
5.409	-0.003	5.419	-0.007	5.435	0.012	5.446	0.016	7.921	-0.043	7.929	-0.019	7.940	0.013	7.948	0.033
5.457	0.028	5.474	0.043	5.484	0.043	5.501	0.013	7.957	0.033	7.969	0.021	7.985	-0.023	7.997	-0.027
5.511	0.054	5.523	0.046	5.535	0.030	5.547	0.026	8.006	-0.031	8.015	-0.015	8.024	-0.003	8.033	0.020
5.563	0.013	5.578	-0.003	5.590	0.001	5.600	0.005	8.042	0.040	8.055	0.008	8.062	-0.027	8.071	-0.051
5.614	0.044	5.624	0.056	5.638	0.048	5.651	0.023	8.081	-0.047	8.093	-0.027	8.108	-0.016	8.121	-0.004
5.662	-0.009	5.674	-0.033	5.687	-0.025	5.697	-0.001	8.132	-0.012	8.142	-0.024	8.154	-0.028	8.163	-0.004
5.711	0.038	5.724	0.014	5.735	-0.010	5.743	-0.018	8.173	0.020	8.194	0.032	8.205	0.020	8.217	0.013
5.755	0.002	5.767	0.021	5.780	0.049	5.794	0.033	8.227	0.021	8.236	0.033	8.249	0.033	8.260	0.029
5.808	0.005	5.820	-0.015	5.839	0.000	5.850	0.020	8.272	0.005	8.289	-0.010	8.303	-0.010	8.315	-0.014
5.860	0.036	5.869	0.056	5.883	0.044	5.895	0.004	8.331	-0.030	8.347	-0.057	8.354	-0.073	8.369	-0.049
5.911	-0.032	5.923	-0.012	5.931	0.011	5.937	0.035	8.376	-0.025	8.385	-0.005	8.399	0.007	8.409	-0.000
5.952	0.078	5.965	0.051	5.973	0.015	5.979	-0.001	8.418	-0.012	8.426	-0.028	8.436	-0.051	8.446	-0.051
5.995	-0.021	6.011	-0.010	6.022	0.006	6.034	-0.006	8.454	-0.047	8.463	-0.023	8.472	0.025	8.482	0.057
6.047	-0.014	6.061	-0.038	6.072	-0.042	6.084	-0.030	8.497	0.045	8.507	0.025	8.514	0.010	8.523	0.002
6.091	-0.007	6.108	0.029	6.120	0.025	6.133	0.009	8.531	0.002	8.541	0.006	8.549	0.003	8.555	0.011
6.146	-0.003	6.158	-0.003	6.170	0.009	6.189	0.020	8.563	0.007	8.570	0.003	8.577	0.003	8.586	0.003
6.201	0.020	6.215	0.016	6.225	0.016	6.234	0.028	8.597	0.004	8.604	0.004	8.613	0.004	8.625	0.004
6.243	0.028	6.252	0.028	6.261	0.024	6.274	0.012	8.633	0.004	8.644	-0.004	8.653	-0.011	8.664	-0.023
6.292	-0.012	6.304	-0.040	6.318	-0.032	6.330	-0.025	8.677	-0.011	8.687	0.001	8.702	0.021	8.719	0.033
6.340	-0.017	6.354	-0.013	6.361	-0.013	6.371	-0.013	8.736	0.030	8.749	0.026	8.760	0.030	8.769	0.026
6.381	-0.005	6.395	-0.005	6.403	-0.001	6.416	-0.001	8.778	0.022	8.789	0.011	8.799	-0.009	8.809	-0.029
6.424	-0.006	6.430	-0.006	6.440	-0.006	6.454	-0.006	8.819	-0.024	8.827	-0.024	8.839	-0.000	8.846	0.016
6.470	-0.002	6.482	-0.006	6.497	-0.018	6.513	-0.010	8.854	0.028	8.864	0.040	8.873	0.028	8.881	0.012
6.522	-0.010	6.531	-0.002	6.541	-0.005	6.553	-0.005	8.893	-0.004	8.900	-0.027	8.908	-0.055	8.914	-0.067
6.566	-0.013	6.584	-0.033	6.600	-0.053	6.611	-0.029	8.924	0.055	8.929	-0.039	8.934	-0.023	8.945	-0.011
6.628	0.003	6.637	0.031	6.653	0.043	6.667	0.035	8.951	0.005	8.957	0.025	8.967	0.009	8.976	-0.015
6.680	0.015	6.691	-0.005	6.702	-0.004	6.714	-0.004	8.987	-0.030	8.994	-0.046	9.003	-0.018	9.008	-0.002
6.722	-0.004	6.731	-0.012	6.739	-0.012	6.748	-0.012	9.018	0.022	9.027	0.042	9.038	0.022	9.054	-0.006
6.758	-0.008	6.773	-0.008	6.777	0.008	6.786	0.028	9.067	-0.021	9.075	-0.001	9.081	0.030	9.089	0.046
6.794	0.036	6.803	0.052	6.811	0.048	6.822	0.028	9.094	0.066	9.100	0.070	9.107	0.078	9.113	0.059
6.835	-0.008	6.851	-0.047	6.861	-0.055	6.870	-0.032	9.121	0.039	9.131	0.014	9.136	-0.013	9.147	-0.022
6.884	0.000	6.897	0.024	6.915	0.016	6.930	-0.032	9.157	-0.014	9.164	0.014	9.175	0.041	9.184	0.049



9.193	0.021	9.200	0.001	9.211	-0.019	9.220	-0.031	11.785	-0.108	11.799	-0.057	11.819	-0.037	11.837	-0.013
9.231	-0.035	9.236	-0.039	9.255	-0.040	9.262	-0.040	11.854	-0.013	11.869	0.006	11.887	0.006	11.899	-0.010
9.269	-0.040	9.280	-0.040	9.289	-0.037	9.299	-0.013	11.911	-0.006	11.923	0.003	11.939	0.003	11.954	0.041
9.307	0.011	9.314	0.034	9.326	0.042	9.334	0.022	11.967	-0.030	11.986	-0.063	11.997	-0.015	12.016	0.028
9.344	-0.010	9.356	-0.046	9.368	-0.066	9.380	-0.050	12.038	0.028	12.053	-0.044	12.071	-0.024	12.083	0.003
9.388	-0.027	9.392	-0.011	9.400	-0.020	9.413	0.031	12.099	0.051	12.116	0.011	12.132	-0.009	12.149	0.013
9.428	0.019	9.437	-0.010	9.446	-0.022	9.457	-0.007	12.165	0.014	12.183	0.034	12.204	0.058	12.219	0.034
9.465	0.005	9.473	0.020	9.482	0.032	9.491	0.016	12.237	-0.010	12.252	-0.061	12.265	-0.077	12.282	-0.037
9.498	-0.005	9.511	-0.033	9.524	-0.058	9.539	-0.050	12.301	-0.005	12.317	0.035	12.333	0.031	12.348	0.047
9.548	-0.015	9.554	0.008	9.569	0.036	9.582	0.018	12.366	0.063	12.385	0.043	12.401	0.028	12.419	0.040
9.594	-0.001	9.604	-0.017	9.610	-0.037	9.624	-0.021	12.434	0.044	12.453	0.036	12.470	0.009	12.488	-0.007
9.636	-0.006	9.646	0.002	9.657	0.022	9.666	0.018	12.502	0.025	12.516	0.049	12.532	0.081	12.551	0.062
9.673	0.018	9.684	0.018	9.691	0.018	9.702	0.013	12.565	0.030	12.584	0.011	12.602	-0.005	12.623	0.019
9.714	0.017	9.725	0.009	9.732	0.009	9.745	0.001	12.641	0.039	12.659	0.052	12.673	0.056	12.691	0.015
9.761	0.001	9.772	-0.015	9.781	-0.004	9.791	0.016	12.708	-0.041	12.723	-0.097	12.739	-0.045	12.753	0.006
9.801	0.037	9.811	0.053	9.832	0.018	9.844	-0.014	12.769	0.049	12.787	0.001	12.799	-0.047	12.813	-0.079
9.856	-0.033	9.866	-0.013	9.871	0.015	9.888	0.031	12.825	-0.063	12.846	-0.020	12.865	-0.076	12.888	-0.121
9.904	0.028	9.916	-0.019	9.931	-0.055	9.946	-0.034	12.903	-0.089	12.917	-0.014	12.934	0.029	12.950	0.048
9.955	0.002	9.970	0.038	9.982	0.042	9.992	0.031	12.965	0.059	12.982	0.055	13.001	0.050	13.016	0.018
10.001	0.035	10.009	0.011	10.019	0.032	10.031	0.020	13.036	-0.030	13.052	-0.015	13.065	0.024	13.082	0.031
10.039	0.016	10.048	0.009	10.061	-0.007	10.069	0.005	13.097	0.067	13.112	0.062	13.127	0.038	13.146	-0.015
10.078	0.021	10.087	0.034	10.100	0.042	10.117	0.015	13.164	0.013	13.184	0.028	13.202	0.028	13.218	0.004
10.137	-0.013	10.155	-0.048	10.171	-0.004	10.192	0.020	13.237	-0.004	13.252	0.011	13.273	0.039	13.288	-0.013
10.211	0.016	10.224	0.000	10.242	-0.019	10.255	-0.055	13.307	-0.109	13.326	0.011	13.347	-0.109	13.363	-0.042
10.270	-0.074	10.286	-0.046	10.300	0.005	10.311	0.037	13.381	0.013	13.396	-0.035	13.415	-0.079	13.436	-0.083
10.319	0.065	10.330	0.046	10.337	-0.002	10.345	-0.038	13.453	-0.048	13.472	-0.008	13.492	0.003	13.513	0.015
10.352	-0.057	10.358	-0.077	10.367	-0.065	10.371	-0.033	13.535	0.023	13.554	0.031	13.578	0.054	13.595	0.034
10.378	0.007	10.385	0.046	10.392	0.078	10.396	0.090	13.614	-0.025	13.635	-0.053	13.650	-0.026	13.671	0.014
10.402	0.106	10.408	0.086	10.415	-0.071	10.422	-0.051	13.685	0.006	13.708	-0.006	13.725	0.026	13.742	0.070
10.432	-0.024	10.444	-0.048	10.453	-0.044	10.460	-0.000	13.761	0.067	13.786	-0.009	13.810	-0.000	13.830	0.052
10.468	0.032	10.473	0.055	10.481	0.071	10.490	0.084	13.853	0.008	13.873	-0.055	13.887	-0.023	13.905	0.017
10.497	0.064	10.504	0.029	10.514	-0.014	10.524	-0.065	13.933	-0.066	13.955	-0.122	13.966	-0.086	13.979	-0.022
10.533	-0.101	10.542	-0.084	10.555	-0.020	10.558	0.016	14.000	0.054	14.018	0.030	14.033	-0.033	14.052	-0.089
10.566	0.032	10.577	0.052	10.584	0.041	10.589	0.009	14.069	-0.069	14.087	-0.052	14.108	0.007	14.124	-0.056
10.601	-0.030	10.610	-0.054	10.619	-0.053	10.629	-0.041	14.137	-0.115	14.151	-0.151	14.165	-0.095	14.182	-0.035
10.635	-0.041	10.640	-0.037	10.652	-0.029	10.661	-0.045	14.201	-0.011	14.223	-0.015	14.249	-0.019	14.271	-0.042
10.670	-0.033	10.674	-0.041	10.686	-0.040	10.695	-0.032	14.288	-0.010	14.305	0.054	14.326	0.097	14.348	0.054
10.707	-0.016	10.713	-0.000	10.721	0.016	10.730	0.024	14.370	-0.019	14.387	0.015	14.409	0.043	14.434	0.012
10.740	0.008	10.751	-0.007	10.758	-0.031	10.769	-0.067	14.454	-0.032	14.472	-0.035	14.488	0.001	14.506	0.056
10.787	-0.098	10.797	-0.087	10.804	-0.055	10.809	-0.016	14.524	0.112	14.543	0.105	14.562	-0.002	14.585	-0.073
10.812	0.000	10.820	0.012	10.833	0.028	10.841	0.023	14.601	-0.013	14.614	0.038	14.632	0.086	14.642	0.043
10.864	0.035	10.872	0.043	10.885	0.050	10.902	0.070	14.654	-0.009	14.670	-0.049	14.684	0.007	14.698	0.046
10.914	0.053	10.928	-0.002	10.938	-0.038	10.948	-0.066	14.719	0.082	14.731	0.030	14.750	-0.005	14.765	0.006
10.959	-0.043	10.969	-0.035	10.975	-0.037	10.990	-0.001	14.783	0.038	14.798	0.070	14.819	0.022	14.840	-0.018
11.002	-0.027	11.016	-0.039	11.026	-0.043	11.044	-0.031	14.855	-0.026	14.864	-0.018	14.884	-0.014	14.896	-0.010
11.056	0.029	11.083	0.060	11.093	0.040	11.116	0.005	14.912	0.018	14.929	0.049	14.943	0.045	14.965	0.009
11.126	-0.049	11.140	-0.027	11.151	-0.011	11.164	0.025	14.974	-0.015	14.993	0.040	15.015	0.124	15.035	0.084
11.178	0.041	11.197	0.001	11.209	-0.063	11.229	-0.110	15.049	-0.004	15.068	-0.088	15.088	-0.064	15.100	-0.012
11.238	-0.075	11.249	-0.019	11.267	0.033	11.285	-0.019	15.118	0.047	15.135	0.027	15.152	0.007	15.170	-0.033
11.308	-0.051	11.324	-0.011	11.342	0.025	11.361	-0.007	15.186	-0.009	15.203	0.034	15.225	0.093	15.240	0.057
11.380	-0.055	11.394	-0.027	11.408	0.017	11.425	0.064	15.258	0.057	15.282	0.074	15.308	0.077	15.329	0.052
11.447	0.037	11.466	0.021	11.485	0.024	11.507	0.028	15.345	0.056	15.359	0.052	15.380	0.048	15.398	0.024
11.528	0.012	11.546	0.032	11.559	0.056	11.577	0.016	15.418	0.020	15.434	0.028	15.452	-0.004	15.464	-0.088
11.595	-0.028	11.613	-0.008	11.624	0.052	11.637	0.099	15.483	-0.139	15.494	-0.096	15.509	-0.044	15.523	-0.012
11.656	0.044	11.670	-0.064	11.688	-0.115	11.706	-0.012	15.537	-0.048	15.553	-0.108	15.572	-0.152	15.586	-0.124
11.728	0.079	11.743	-0.001	11.757	-0.080	11.773	-0.152	15.605	-0.080	15.625	-0.068	15.640	-0.068	15.658	-0.033

15.679	-0.041	15.701	-0.041	15.720	0.015	15.747	0.015	19.424	0.023	19.443	0.012	19.455	-0.068	19.468	-0.051
15.765	-0.025	15.780	-0.033	15.801	-0.014	15.821	-0.022	19.486	-0.035	19.510	-0.027	19.522	-0.015	19.540	-0.042
15.846	-0.077	15.864	-0.061	15.882	-0.026	15.903	-0.034	19.565	-0.038	19.577	0.098	19.590	0.082	19.609	0.063
15.920	-0.030	15.942	0.022	15.958	0.002	15.973	-0.018	19.627	-0.015	19.646	0.032	19.672	0.012	19.694	-0.016
15.992	-0.030	16.006	-0.019	16.022	0.033	16.036	-0.063	19.717	-0.016	19.736	-0.016	19.760	-0.009	19.785	0.007
16.048	-0.067	16.064	-0.103	16.079	-0.075	16.091	-0.036	19.799	-0.029	19.817	-0.025	19.838	-0.013	19.857	0.010
16.109	-0.000	16.122	-0.008	16.135	0.008	16.149	0.015	19.881	0.101	19.893	0.030	19.908	0.046	19.929	0.069
16.162	0.043	16.176	0.063	16.191	0.031	16.203	0.005	19.947	0.101	19.964	0.152	19.988	0.168	20.007	0.191
16.222	-0.021	16.236	-0.001	16.250	0.043	16.269	0.063	20.025	0.163	20.053	0.155	20.061	0.143	20.095	0.091
16.282	-0.058	16.294	0.087	16.309	0.123	16.321	0.166	20.102	-0.067	20.126	0.019	20.154	0.010	20.172	-0.018
16.334	0.198	16.348	0.159	16.364	0.075	16.381	0.087	20.192	-0.006	20.211	0.001	20.230	0.001	20.250	0.037
16.391	0.111	16.409	0.123	16.422	0.032	16.435	-0.024	20.266	0.017	20.281	-0.015	20.302	-0.023	20.319	-0.075
16.450	-0.063	16.464	-0.055	16.481	-0.059	16.494	-0.087	20.336	-0.028	20.351	0.012	20.369	0.039	20.393	0.055
16.509	-0.158	16.524	-0.222	16.539	-0.198	16.553	-0.174	20.411	-0.027	20.431	0.027	20.446	0.023	20.461	0.003
16.570	-0.142	16.585	-0.154	16.604	-0.150	16.618	-0.094	20.478	-0.017	20.499	0.006	20.525	0.042	20.537	-0.010
16.629	-0.035	16.650	0.013	16.666	-0.035	16.684	-0.058	20.555	-0.050	20.573	-0.042	20.593	-0.015	20.612	0.009
16.704	-0.011	16.723	0.029	16.741	-0.006	16.760	-0.026	20.632	0.013	20.660	0.049	20.674	0.066	20.693	0.070
16.778	-0.058	16.795	-0.077	16.818	-0.077	16.832	-0.073	20.708	0.098	20.735	0.067	20.745	0.016	20.769	0.056
16.847	-0.029	16.859	-0.001	16.877	0.011	16.899	0.050	20.791	0.053	20.806	0.009	20.833	0.038	20.853	-0.005
16.910	-0.001	16.932	-0.001	16.949	0.015	16.971	0.023	20.873	0.007	20.892	-0.048	20.907	-0.067	20.924	-0.035
16.988	0.019	17.007	0.067	17.021	0.111	17.042	0.147	20.948	-0.043	20.967	-0.051	20.989	-0.015	21.002	0.037
17.059	0.151	17.075	0.107	17.099	0.115	17.116	0.096	21.020	0.068	21.037	0.005	21.057	-0.023	21.072	0.005
17.128	0.068	17.144	0.009	17.163	0.064	17.186	0.131	21.093	0.053	21.115	0.053	21.132	-0.026	21.163	0.073
17.196	0.052	17.208	-0.020	17.226	-0.088	17.246	-0.049	21.172	0.058	21.197	0.081	21.217	-0.015	21.240	0.020
17.261	0.007	17.274	0.066	17.289	0.034	17.305	-0.026	21.262	0.003	21.279	-0.045	21.299	-0.053	21.320	-0.050
17.322	-0.038	17.343	-0.023	17.355	0.004	17.371	0.024	21.342	-0.077	21.364	-0.095	21.380	-0.072	21.399	-0.068
17.391	0.023	17.401	-0.068	17.416	-0.089	17.428	-0.045	21.421	-0.077	21.443	-0.049	21.459	-0.033	21.482	0.027
17.442	-0.002	17.456	0.037	17.474	0.041	17.492	0.032	21.505	0.003	21.532	0.028	21.548	0.048	21.571	0.061
17.507	0.044	17.521	0.099	17.536	0.102	17.552	0.102	21.592	0.062	21.614	0.091	21.638	0.052	21.657	0.044
17.570	0.082	17.588	0.101	17.607	0.152	17.624	0.112	21.678	0.048	21.698	0.048	21.719	0.043	21.740	-0.021
17.639	0.069	17.653	0.037	17.670	0.013	17.694	0.025	21.758	-0.029	21.782	-0.006	21.810	0.068	21.826	0.020
17.715	0.016	17.730	0.012	17.748	0.012	17.765	0.038	21.843	-0.021	21.859	-0.037	21.874	-0.034	21.888	-0.015
17.787	0.006	17.809	0.020	17.829	0.071	17.845	-0.004	21.901	-0.027	21.919	-0.020	21.946	-0.020	21.963	0.008
17.863	-0.096	17.880	-0.052	17.896	-0.040	17.916	-0.036	21.981	-0.001	21.999	-0.021	22.012	-0.021	22.031	0.003
17.931	-0.025	17.958	0.016	17.968	-0.032	17.991	-0.023	22.052	0.014	22.072	0.030	22.094	0.006	22.110	-0.014
18.009	-0.027	18.028	-0.022	18.044	-0.006	18.062	0.002	22.124	-0.034	22.140	-0.014	22.156	0.018	22.172	0.026
18.080	0.023	18.097	0.027	18.113	0.035	18.126	0.063	22.189	0.018	22.205	0.010	22.218	-0.018	22.230	-0.034
18.139	0.060	18.156	0.021	18.171	-0.015	18.187	-0.046	22.247	-0.050	22.256	-0.069	22.266	-0.085	22.278	-0.069
18.205	-0.054	18.221	-0.049	18.242	-0.068	18.259	-0.092	22.293	-0.073	22.301	-0.002	22.309	0.010	22.318	-0.005
18.274	-0.127	18.291	-0.083	18.310	-0.015	18.324	-0.018	22.331	-0.025	22.340	-0.049	22.354	-0.049	22.370	-0.017
18.346	-0.053	18.363	-0.069	18.386	-0.076	18.405	-0.028	22.380	0.011	22.398	0.047	22.413	0.047	22.429	0.059
18.420	-0.016	18.438	0.017	18.458	0.029	18.485	0.125	22.445	0.071	22.456	0.083	22.475	0.067	22.486	0.047
18.497	0.101	18.512	0.117	18.530	0.138	18.546	0.142	22.496	0.028	22.522	0.056	22.536	0.056	22.549	0.048
18.565	0.114	18.577	0.099	18.597	0.127	18.609	0.064	22.567	0.021	22.583	-0.003	22.597	-0.027	22.607	-0.039
18.628	0.064	18.640	0.013	18.658	-0.043	18.677	-0.086	22.616	-0.035	22.631	-0.035	22.647	-0.070	22.660	-0.094
18.695	-0.101	18.709	-0.133	18.727	-0.156	18.743	-0.172	22.672	-0.118	22.691	-0.078	22.704	-0.058	22.714	-0.042
18.761	-0.180	18.777	-0.211	18.796	-0.175	18.810	-0.147	22.725	-0.018	22.741	-0.042	22.757	-0.062	22.769	-0.074
18.831	-0.123	18.853	-0.114	18.867	-0.110	18.879	-0.066	22.785	-0.042	22.797	-0.030	22.809	-0.014	22.824	-0.038
18.890	-0.034	18.908	-0.034	18.929	-0.030	18.941	-0.033	22.832	-0.061	22.842	-0.085	22.852	-0.097	22.864	-0.061
18.961	0.030	18.968	0.070	18.989	0.142	19.002	0.082	22.879	-0.038	22.892	-0.018	22.908	-0.038	22.923	-0.073
19.017	0.062	19.033	0.015	19.054	0.134	19.071	0.146	22.931	-0.105	22.942	-0.125	22.956	-0.097	22.972	-0.061
19.082	0.107	19.096	0.107	19.112	0.079	19.136	0.091	22.989	-0.030	23.001	-0.002	23.014	-0.042	23.024	-0.058
19.150	0.091	19.175	0.111	19.193	0.112	19.205	0.076	23.039	-0.077	23.051	-0.065	23.060	-0.034	23.069	-0.022
19.229	0.088	19.245	0.061	19.261	0.057	19.276	0.013	23.084	-0.022	23.097	-0.042	23.110	-0.069	23.120	-0.097
19.293	0.037	19.310	0.034	19.326	0.069	19.340	0.042	23.131	-0.037	23.143	-0.050	23.166	-0.026	23.195	-0.010
19.355	0.050	19.371	-0.001	19.396	0.050	19.409	0.035	23.225	0.022	23.249	0.054	23.273	0.073	23.292	0.077

23.304	0.100	23.319	0.112	23.334	0.124	23.350	0.096	27.890	0.028	27.931	0.020	27.960	0.019	27.987	0.019
23.364	0.064	23.377	0.036	23.391	0.031	23.409	0.031	28.008	-0.001	28.032	-0.029	28.051	-0.065	28.079	-0.081
23.422	0.051	23.441	0.050	23.456	-0.005	23.484	-0.058	28.098	-0.065	28.123	-0.061	28.148	-0.089	28.170	-0.097
23.510	-0.079	23.534	-0.100	23.555	-0.137	23.577	-0.114	28.193	-0.097	28.217	-0.097	28.236	-0.085	28.269	-0.065
23.594	-0.075	23.622	-0.060	23.662	-0.037	23.695	-0.014	28.283	-0.046	28.311	-0.077	28.339	-0.073	28.359	-0.073
23.722	0.001	23.738	0.001	23.760	0.000	23.792	0.000	28.372	-0.038	28.390	-0.014	28.406	-0.014	28.423	-0.042
23.823	0.008	23.842	0.008	23.862	0.028	23.892	0.029	28.448	-0.058	28.468	-0.030	28.481	-0.018	28.497	0.006
23.913	0.029	23.930	0.041	23.946	0.041	23.970	0.029	28.515	-0.018	28.530	-0.030	28.543	-0.030	28.563	0.010
24.001	-0.007	24.017	-0.030	24.032	-0.034	24.048	-0.002	28.584	0.030	28.603	0.018	28.621	0.018	28.642	0.038
24.067	-0.042	24.092	-0.117	24.115	-0.129	24.138	-0.129	28.661	0.058	28.678	0.058	28.699	0.042	28.731	0.018
24.163	-0.129	24.186	-0.129	24.206	-0.109	24.227	-0.081	28.756	0.006	28.780	0.002	28.803	0.002	28.834	-0.006
24.262	-0.081	24.298	-0.046	24.325	-0.014	24.347	0.018	28.873	-0.006	28.902	-0.022	28.936	-0.022	28.965	-0.022
24.363	0.049	24.378	0.037	24.395	0.037	24.410	0.041	29.003	-0.018	29.040	-0.018	29.069	-0.018	29.089	0.006
24.425	-0.065	24.435	0.089	24.450	0.065	24.467	0.025	29.110	-0.018	29.136	-0.022	29.161	-0.034	29.183	-0.034
24.480	-0.019	24.489	-0.047	24.503	-0.007	24.516	0.004	29.213	-0.022	29.243	-0.022	29.276	-0.022	29.307	-0.023
24.524	0.032	24.539	0.008	24.547	-0.020	24.562	-0.060	29.350	-0.024	29.393	-0.025	29.423	-0.033	29.442	-0.022
24.571	-0.076	24.589	-0.064	24.604	-0.040	24.623	-0.048	29.461	0.013	29.471	0.025	29.486	-0.011	29.501	-0.023
24.638	-0.049	24.650	-0.065	24.666	-0.041	24.681	-0.017	29.519	-0.039	29.534	0.004	29.552	0.031	29.571	0.019
24.704	-0.018	24.728	-0.018	24.750	-0.030	24.772	-0.042	29.586	0.018	29.600	0.017	29.627	0.044	29.651	0.066
24.785	-0.050	24.801	-0.007	24.826	-0.007	24.845	-0.008	29.679	0.064	29.705	0.063	29.725	0.049	29.748	0.028
24.863	-0.008	24.874	0.023	24.887	0.043	24.901	0.066	29.803	0.005	29.850	-0.013	29.890	-0.027	29.916	-0.028
24.914	0.066	24.932	0.046	24.958	0.049	24.976	0.076	29.936	-0.049	29.950	-0.054	29.978	-0.024	29.987	0.000
24.989	0.084	25.007	0.068	25.023	0.051	25.049	0.050	30.007	-0.043	30.032	-0.043	30.058	-0.042	30.089	-0.042
25.065	0.038	25.080	0.006	25.102	-0.015	25.131	-0.028	30.111	-0.049	30.132	-0.025	30.162	0.007	30.194	0.004
25.153	-0.037	25.173	-0.038	25.190	-0.038	25.205	-0.023	30.224	0.005	30.240	-0.002	30.259	-0.013	30.280	0.008
25.215	-0.007	25.225	-0.001	25.241	-0.019	25.254	-0.047	30.303	0.021	30.327	0.022	30.342	-0.017	30.372	-0.032
25.267	-0.068	25.279	-0.068	25.293	-0.048	25.304	-0.032	30.408	-0.018	30.432	-0.018	30.458	-0.018	30.509	0.002
25.314	-0.044	25.328	-0.057	25.341	-0.069	25.353	-0.097	30.551	0.025	30.567	0.057	30.596	-0.029	30.624	0.005
25.368	-0.101	25.395	-0.069	25.413	-0.034	25.441	-0.018	30.654	0.049	30.678	0.016	30.698	-0.001	30.726	0.002
25.468	-0.001	25.500	-0.019	25.520	-0.042	25.534	0.066	30.754	-0.004	30.783	-0.009	30.806	-0.038	30.820	-0.031
25.550	0.055	25.592	0.015	25.625	-0.020	25.656	-0.036	30.842	-0.012	30.865	-0.002	30.892	-0.003	30.912	-0.004
25.677	-0.055	25.692	-0.110	25.712	-0.079	25.726	-0.098	30.930	0.019	30.940	0.034	30.964	0.001	30.982	-0.003
25.740	-0.110	25.759	-0.110	25.784	-0.110	25.806	-0.110	31.002	-0.004	31.020	0.011	31.034	-0.014	31.051	-0.030
25.837	-0.102	25.859	-0.078	25.873	-0.018	25.900	-0.002	31.078	-0.042	31.107	-0.015	31.157	-0.004	31.203	0.003
25.922	-0.002	25.953	-0.002	25.985	-0.002	26.009	-0.002	31.226	0.010	31.252	0.030	31.277	0.026	31.298	0.010
26.116	-0.034	26.150	-0.050	26.181	-0.065	26.206	-0.073	31.321	-0.006	31.350	0.010	31.377	0.006	31.409	-0.002
26.229	-0.069	26.245	-0.069	26.264	-0.101	26.279	-0.117	31.430	-0.002	31.445	-0.006	31.473	-0.014	31.503	-0.030
26.291	-0.105	26.313	-0.089	26.337	-0.069	26.369	-0.042	31.534	-0.010	31.565	-0.006	31.599	-0.030	31.643	-0.050
26.395	0.002	26.415	0.002	26.453	0.018	26.487	0.018	31.705	-0.050	31.786	-0.050	31.870	-0.050	31.955	-0.050
26.516	0.018	26.535	0.018	26.562	0.018	26.595	0.002	32.008	-0.050	32.047	-0.061	32.073	-0.061	32.094	-0.042
26.610	0.003	26.639	-0.005	26.680	-0.005	26.702	-0.004	32.126	-0.030	32.156	-0.029	32.210	-0.021	32.234	-0.005
26.726	-0.004	26.746	0.020	26.760	0.048	26.790	0.017	32.257	-0.005	32.291	-0.025	32.319	-0.024	32.355	-0.028
26.817	-0.015	26.829	-0.023	26.844	-0.019	26.865	-0.075	32.390	-0.024	32.426	-0.011	32.451	-0.011	32.480	-0.011
26.890	-0.095	26.907	-0.091	26.922	-0.063	26.940	-0.035	32.492	0.005	32.516	0.021	32.538	0.001	32.565	-0.018
26.959	-0.051	26.971	-0.063	26.987	-0.028	27.002	-0.028	32.711	-0.077	32.736	-0.077	32.761	-0.077	32.783	-0.069
27.021	-0.013	27.040	-0.021	27.064	-0.010	27.081	0.010	32.815	-0.058	32.834	-0.061	32.854	-0.053	32.910	-0.045
27.099	0.037	27.126	0.013	27.152	0.000	27.174	0.000	32.930	-0.049	32.952	-0.052	32.972	-0.044	32.989	-0.044
27.189	0.000	27.204	-0.015	27.222	-0.043	27.235	-0.035	33.006	-0.027	33.022	-0.011	33.039	-0.031	33.057	-0.031
27.248	-0.015	27.261	-0.009	27.279	-0.015	27.296	-0.035	33.076	-0.026	33.090	-0.026	33.106	0.002	33.126	0.018
27.319	-0.043	27.335	-0.003	27.347	0.021	27.368	-0.002	33.142	0.014	33.161	0.010	33.181	0.018	33.200	0.022
27.386	0.014	27.404	0.051	27.422	0.075	27.452	0.064	33.221	0.022	33.237	0.006	33.254	-0.014	33.281	-0.022
27.481	0.049	27.504	0.066	27.522	0.031	27.538	0.011	33.314	-0.010	33.330	-0.006	33.345	-0.014	33.364	-0.022
27.561	0.015	27.581	0.016	27.601	-0.032	27.638	-0.044	33.388	-0.003	33.409	-0.008	33.431	-0.017	33.452	-0.010
27.661	-0.047	27.681	-0.047	27.705	-0.059	27.735	-0.068	33.472	-0.010	33.488	-0.011	33.508	-0.020	33.528	-0.024
27.759	-0.041	27.786	0.010	27.820	0.030	27.856	0.029	33.546	-0.033	33.567	-0.022	33.596	-0.019	33.621	-0.012

33.645	-0.022	33.672	-0.027	33.688	-0.032	33.710	-0.033	37.969	0.015	37.992	0.008	38.010	-0.000	38.025	0.004
33.727	-0.018	33.766	-0.015	33.760	-0.011	33.770	-0.016	38.044	-0.004	38.061	-0.004	38.084	-0.023	38.104	-0.031
33.785	-0.024	33.800	-0.021	33.814	-0.010	33.829	0.005	38.128	-0.039	38.151	-0.038	38.169	-0.046	38.188	-0.034
33.846	0.009	33.865	0.008	33.887	0.003	33.903	0.002	38.210	-0.037	38.226	-0.029	38.247	-0.017	38.272	-0.013
33.920	0.001	33.936	0.013	33.953	0.000	33.970	-0.008	38.295	-0.001	38.316	0.007	38.341	0.018	38.358	0.002
33.989	-0.017	34.009	-0.025	34.027	-0.034	34.045	-0.034	38.377	-0.002	38.395	0.004	38.423	0.022	38.446	0.021
34.060	-0.050	34.080	-0.047	34.097	-0.039	34.111	-0.048	38.468	0.005	38.493	0.001	38.512	0.001	38.528	-0.016
34.126	-0.052	34.142	-0.057	34.157	-0.049	34.173	-0.037	38.552	-0.020	38.577	-0.013	38.597	-0.025	38.611	-0.050
34.188	-0.022	34.200	-0.010	34.216	-0.034	34.230	-0.034	38.626	-0.038	38.646	-0.023	38.667	-0.023	38.689	-0.020
34.251	-0.030	34.275	-0.011	34.292	-0.019	34.312	-0.031	38.707	-0.020	38.726	-0.037	38.749	-0.041	38.771	-0.026
34.330	-0.027	34.349	-0.007	34.367	-0.004	34.383	0.000	38.787	-0.010	38.806	-0.010	38.827	-0.015	38.847	-0.015
34.401	-0.012	34.420	-0.008	34.438	0.004	34.462	0.009	38.867	-0.003	38.888	-0.008	38.908	0.012	38.926	-0.003
34.482	0.001	34.501	-0.007	34.518	-0.018	34.534	-0.022	38.943	0.003	38.963	-0.013	38.978	0.013	39.004	-0.005
34.561	-0.026	34.583	-0.025	34.601	-0.021	34.615	-0.033	39.020	0.003	39.041	-0.005	39.065	-0.017	39.086	-0.017
34.631	-0.041	34.653	-0.040	34.670	-0.036	34.690	-0.036	39.105	-0.025	39.119	-0.033	39.144	-0.041	39.165	-0.038
34.712	-0.048	34.732	-0.043	34.748	-0.031	34.761	-0.031	39.187	-0.046	39.206	-0.053	39.226	-0.049	39.249	-0.053
34.776	-0.035	34.795	-0.039	34.813	-0.034	34.834	-0.022	39.270	-0.057	39.292	-0.053	39.311	-0.056	39.330	-0.052
34.855	-0.022	34.869	-0.014	34.891	-0.010	34.910	0.009	39.349	-0.044	39.368	-0.028	39.387	-0.028	39.407	-0.036
34.932	0.009	34.955	0.009	34.977	0.001	35.003	0.012	39.427	-0.028	39.454	-0.015	39.482	-0.015	39.509	-0.015
35.024	0.016	35.038	0.020	35.060	0.019	35.083	0.007	39.534	-0.007	39.556	0.001	39.576	0.005	39.592	-0.026
35.104	-0.001	35.125	-0.001	35.147	-0.006	35.168	-0.006	39.616	-0.022	39.637	-0.010	39.652	-0.002	39.670	-0.019
35.191	-0.006	35.208	-0.010	35.227	-0.015	35.247	-0.023	39.689	-0.039	39.708	-0.035	39.732	-0.032	39.759	-0.032
35.270	-0.023	35.290	-0.019	35.309	-0.016	35.325	-0.032	39.780	-0.045	39.804	-0.045	39.826	-0.018	39.849	-0.007
35.350	-0.036	35.372	-0.032	35.391	-0.028	35.408	-0.024	39.871	0.013	39.891	-0.000	39.913	-0.005	39.935	-0.006
35.431	-0.036	35.455	-0.048	35.476	-0.028	35.494	-0.044	39.954	0.005	39.977	-0.011	39.997	-0.012	40.016	-0.017
35.512	-0.044	35.535	-0.041	35.552	-0.017	35.571	-0.009	40.038	-0.030	40.055	-0.042	40.077	-0.039	40.107	-0.048
35.589	-0.006	35.609	-0.010	35.630	0.002	35.649	0.010	40.143	-0.036	40.163	-0.049	40.185	-0.045	40.207	-0.037
35.667	0.001	35.683	0.005	35.699	0.001	35.714	-0.007	40.229	-0.041	40.251	-0.026	40.279	-0.034	40.317	-0.047
35.736	-0.003	35.757	0.000	35.776	0.004	35.795	-0.008	40.343	-0.054	40.369	-0.050	40.407	-0.049	40.429	-0.037
35.813	-0.016	35.833	-0.017	35.848	-0.021	35.867	-0.013	40.453	-0.033	40.465	-0.045	40.488	-0.056	40.504	-0.048
35.885	-0.017	35.901	-0.014	35.915	-0.010	35.936	-0.010	40.523	-0.036	40.547	-0.020	40.570	-0.039	40.592	-0.039
35.954	-0.022	35.975	-0.019	35.990	-0.007	36.007	-0.003	40.620	-0.038	40.641	-0.018	40.659	0.003	40.676	-0.001
36.026	0.001	36.045	-0.019	36.062	-0.011	36.078	0.004	40.695	-0.009	40.720	-0.012	40.747	0.003	40.764	-0.019
36.093	0.020	36.110	0.000	36.126	-0.012	36.145	-0.012	40.781	-0.019	40.804	-0.026	40.829	-0.022	40.849	-0.022
36.160	-0.020	36.175	0.007	36.188	-0.005	36.201	-0.021	40.870	-0.029	40.892	-0.029	40.915	-0.029	40.935	-0.033
36.218	-0.033	36.234	-0.033	36.249	-0.021	36.261	-0.021	40.954	-0.024	40.972	-0.016	40.988	-0.016	41.010	-0.024
36.278	-0.042	36.296	-0.054	36.311	-0.062	36.327	-0.054	41.032	-0.021	41.053	-0.009	41.070	-0.006	41.088	-0.002
36.348	-0.051	36.364	-0.055	36.381	-0.071	36.396	-0.071	41.117	-0.003	41.140	-0.015	41.161	-0.012	41.183	-0.005
36.412	-0.064	36.430	-0.056	36.448	-0.049	36.468	-0.045	41.207	-0.013	41.228	-0.010	41.250	-0.015	41.271	-0.016
36.489	-0.041	36.506	-0.022	36.530	-0.026	36.546	-0.007	41.292	-0.020	41.318	-0.033	41.349	-0.031	41.380	-0.036
36.569	0.005	36.587	0.005	36.603	0.000	36.623	0.000	41.410	-0.041	41.435	-0.034	41.461	-0.031	41.492	-0.039
36.645	0.004	36.667	0.015	36.688	0.003	36.715	0.011	41.515	-0.044	41.541	-0.032	41.567	-0.033	41.597	-0.021
36.739	0.015	36.764	0.011	36.788	0.010	36.802	0.010	41.612	-0.026	41.639	-0.026	41.665	-0.030	41.694	-0.011
36.817	0.002	36.836	-0.002	36.858	-0.018	36.885	-0.014	41.721	-0.015	41.738	-0.019	41.762	-0.022	41.788	-0.018
36.903	-0.010	36.922	-0.014	36.946	-0.026	36.970	-0.022	41.818	-0.022	41.842	-0.010	41.865	-0.030	41.886	-0.042
36.993	-0.010	37.014	-0.010	37.032	-0.014	37.046	-0.022	41.916	-0.034	41.943	-0.005	41.958	0.003	41.979	-0.017
37.067	-0.007	37.088	0.005	37.105	-0.003	37.120	-0.015	42.008	-0.009	42.033	-0.004	42.051	-0.004	42.073	-0.008
37.136	-0.015	37.154	-0.011	37.173	-0.011	37.188	-0.015	42.095	0.009	42.117	0.029	42.144	0.021	42.168	0.017
37.207	-0.019	37.227	-0.003	37.245	0.012	37.261	0.012	42.192	-0.007	42.213	0.001	42.232	-0.019	42.253	0.001
37.288	-0.012	37.316	0.016	37.339	0.028	37.360	0.020	42.274	-0.007	42.293	-0.003	42.313	-0.011	42.331	-0.015
37.380	-0.020	37.406	0.012	37.428	-0.000	37.452	-0.012	42.351	-0.011	42.370	-0.019	42.395	-0.011	42.419	-0.011
37.476	-0.020	37.503	-0.028	37.528	-0.044	37.552	-0.044	42.443	0.000	42.458	0.000	42.475	-0.008	42.489	-0.020
37.576	-0.045	37.603	-0.061	37.628	-0.061	37.653	-0.065	42.511	-0.012	42.529	0.011	42.547	0.015	42.568	0.007
37.682	-0.053	37.712	-0.045	37.732	-0.045	37.754	-0.045	42.586	-0.009	42.614	-0.021	42.640	-0.005	42.664	-0.009
37.773	-0.045	37.795	-0.030	37.829	-0.006	37.850	-0.006	42.682	-0.009	42.706	-0.021	42.728	-0.029	42.753	-0.033
37.874	0.007	37.896	0.011	37.921	0.019	37.948	0.019	42.785	-0.033	42.806	-0.029	42.829	-0.033	42.853	-0.020

42.878	-0.020	42.900	-0.016	42.925	-0.008	42.942	-0.012	49.213	-0.016	49.249	-0.016	49.294	-0.016	49.327	-0.021
42.960	-0.008	42.979	-0.007	42.999	-0.011	43.016	-0.019	49.355	-0.021	49.385	-0.022	49.425	-0.019	49.454	-0.015
43.034	-0.007	43.052	-0.011	43.068	-0.005	43.082	-0.008	49.482	-0.024	49.502	-0.025	49.523	-0.013	49.541	-0.014
43.097	-0.024	43.115	-0.016	43.133	-0.004	43.157	-0.001	49.566	-0.018	49.588	-0.016	49.614	-0.016	49.636	-0.013
43.172	-0.021	43.190	-0.013	43.207	-0.005	43.225	-0.009	49.665	-0.018	49.690	-0.010	49.719	-0.011	49.759	-0.007
43.253	-0.006	43.272	-0.010	43.294	-0.005	43.316	-0.020	49.781	-0.008	49.798	-0.012	49.819	-0.012	49.843	-0.011
43.331	0.012	43.349	0.003	43.373	0.014	43.394	0.022	49.870	-0.015	49.900	-0.011	49.929	-0.011	49.955	-0.011
43.416	0.001	43.434	-0.019	43.452	-0.036	43.473	-0.044	49.978	-0.011	50.007	-0.011	50.042	-0.012	50.076	-0.017
43.492	0.045	43.509	-0.057	43.534	-0.057	43.559	-0.054	50.105	-0.014	50.135	-0.015	50.157	-0.015	50.190	-0.016
43.585	-0.070	43.610	-0.074	43.631	-0.074	43.661	-0.067	50.223	-0.013	50.254	-0.013	50.270	-0.014	50.295	-0.014
43.688	-0.055	43.713	-0.056	43.736	-0.040	43.756	-0.024	50.322	-0.011	50.356	-0.008	50.390	-0.029	50.415	-0.019
43.776	-0.016	43.792	-0.025	43.815	-0.009	43.835	-0.009	50.439	-0.012	50.471	-0.023	50.497	-0.015	50.522	-0.022
43.851	-0.005	43.869	0.004	43.882	0.004	43.895	-0.008	50.553	-0.022	50.573	-0.017	50.589	-0.028	50.612	-0.027
43.903	-0.028	43.912	-0.024	43.918	-0.016	43.948	-0.019	50.636	-0.022	50.659	-0.018	50.685	-0.015	50.712	-0.012
43.971	-0.026	44.000	-0.028	44.023	-0.023	44.060	-0.030	50.743	-0.010	50.773	-0.012	50.797	-0.005	50.822	-0.006
44.088	-0.026	44.105	-0.022	44.142	-0.001	44.176	0.007	50.846	-0.002	50.865	-0.003	50.884	-0.007	50.906	-0.007
44.217	0.004	44.247	0.011	44.274	0.003	44.301	-0.002	50.929	-0.007	50.948	-0.015	50.972	-0.014	50.994	-0.017
44.325	-0.010	44.352	-0.015	44.383	-0.027	44.418	-0.040	51.014	-0.017	51.033	-0.021	51.052	-0.021	51.069	-0.017
44.447	-0.036	44.474	-0.049	44.510	-0.053	44.540	-0.054	51.085	-0.022	51.101	-0.018	51.120	-0.023	51.144	-0.024
44.582	-0.062	44.606	-0.067	44.631	-0.067	44.658	-0.067	51.168	-0.024	51.192	-0.029	51.219	-0.029	51.245	-0.029
44.685	-0.055	44.709	-0.047	44.729	-0.048	44.752	-0.044	51.272	-0.033	51.297	-0.049	51.316	-0.049	51.333	-0.050
44.775	-0.040	44.798	-0.036	44.822	-0.048	44.839	-0.044	51.355	-0.038	51.373	-0.038	51.396	-0.034	51.421	-0.034
44.854	-0.040	44.878	-0.024	44.902	-0.024	44.928	-0.021	51.445	-0.030	51.469	-0.026	51.488	-0.022	51.511	-0.014
44.959	-0.021	44.990	-0.014	45.027	-0.002	45.057	0.013	51.537	-0.006	51.561	-0.010	51.587	-0.006	51.619	-0.014
45.086	0.012	45.117	0.020	45.154	0.011	45.193	0.011	51.642	-0.022	51.673	-0.022	51.700	-0.026	51.718	-0.026
45.220	0.006	45.247	0.006	45.275	-0.002	45.302	-0.002	51.736	-0.018	51.761	-0.022	51.783	-0.026	51.804	-0.022
45.327	-0.017	45.353	-0.017	45.387	-0.020	45.418	-0.016	51.828	-0.022	51.848	-0.018	51.872	-0.022	51.904	-0.023
45.460	-0.019	45.497	-0.019	45.557	-0.018	45.590	-0.010	51.936	-0.019	51.964	-0.015	51.992	-0.008	52.007	-0.008
45.634	-0.015	45.672	-0.012	45.718	-0.016	45.769	-0.013	52.034	-0.005	52.064	0.003	52.092	0.006	52.127	-0.006
45.831	-0.006	45.873	-0.011	45.899	-0.004	45.944	-0.010	52.149	0.001	52.177	0.004	52.214	0.004	52.238	-0.009
46.000	-0.009	46.037	0.002	46.088	-0.003	46.136	-0.004	52.272	-0.005	52.302	-0.010	52.326	-0.010	52.350	-0.015
46.156	-0.012	46.180	-0.016	46.210	-0.008	46.236	-0.004	52.376	-0.011	52.414	-0.019	52.441	-0.022	52.472	-0.026
46.277	0.000	46.322	0.004	46.359	0.004	46.393	-0.001	52.496	-0.022	52.529	-0.026	52.552	-0.032	52.577	-0.033
46.437	-0.005	46.466	-0.002	46.498	-0.006	46.535	-0.007	52.601	-0.023	52.629	-0.028	52.655	-0.032	52.682	-0.028
46.572	-0.019	46.614	-0.028	46.647	-0.025	46.684	-0.033	52.712	-0.032	52.745	-0.031	52.779	-0.031	52.810	-0.035
46.720	-0.033	46.754	-0.038	46.788	-0.038	46.818	-0.042	52.837	-0.035	52.868	-0.034	52.890	-0.038	52.931	-0.033
46.848	-0.034	46.869	-0.030	46.903	-0.030	46.935	-0.021	52.955	-0.032	52.978	-0.032	53.012	-0.027	53.033	-0.023
46.978	-0.025	47.012	-0.025	47.040	-0.029	47.071	-0.028	53.061	-0.018	53.099	-0.014	53.122	-0.017	53.154	-0.009
47.096	-0.024	47.124	-0.024	47.152	-0.020	47.181	-0.020	53.183	-0.000	53.208	0.004	53.252	-0.000	53.283	-0.004
47.203	-0.012	47.226	-0.016	47.257	-0.021	47.281	-0.025	53.316	-0.001	53.342	-0.001	53.364	-0.005	53.394	-0.005
47.303	-0.021	47.326	-0.033	47.354	-0.042	47.381	-0.042	53.417	0.003	53.446	-0.002	53.470	-0.010	53.501	-0.010
47.409	-0.051	47.444	-0.052	47.472	-0.052	47.505	-0.053	53.533	-0.018	53.560	-0.018	53.599	-0.026	53.620	-0.026
47.554	-0.045	47.588	-0.034	47.627	-0.034	47.666	-0.022	53.646	-0.022	53.674	-0.026	53.697	-0.029	53.721	-0.033
47.706	-0.011	47.745	-0.003	47.776	-0.004	47.797	0.004	53.746	-0.029	53.775	-0.029	53.806	-0.025	53.830	-0.024
47.821	0.003	47.858	0.001	47.885	-0.000	47.915	0.000	53.848	-0.020	53.866	-0.020	53.895	-0.007	53.917	-0.007
47.944	0.000	47.972	0.007	47.996	-0.003	48.021	0.002	53.944	-0.003	53.961	-0.003	53.982	-0.003	53.999	0.001
48.051	0.007	48.072	-0.001	48.097	-0.001	48.135	-0.006	54.022	0.002	54.049	-0.002	54.076	-0.002	54.102	-0.010
48.160	-0.010	48.200	-0.011	48.222	-0.020	48.259	-0.017	54.129	-0.018	54.154	-0.025	54.174	-0.021	54.195	-0.021
48.287	-0.021	48.311	-0.021	48.335	-0.029	48.369	-0.033	54.217	-0.029	54.239	-0.029	54.266	-0.028	54.294	-0.031
48.397	-0.041	48.420	-0.040	48.452	-0.036	48.480	-0.044	54.321	-0.027	54.340	-0.030	54.364	-0.034	54.382	-0.033
48.516	-0.040	48.550	-0.036	48.592	-0.037	48.628	-0.034	54.408	-0.029	54.432	-0.032	54.450	-0.032	54.475	-0.032
48.662	-0.030	48.696	-0.030	48.730	-0.034	48.763	-0.025	54.496	-0.032	54.514	-0.027	54.534	-0.027	54.550	-0.027
48.795	-0.024	48.822	-0.016	48.847	-0.019	48.874	-0.023	54.571	-0.023	54.589	-0.023	54.615	-0.023	54.637	-0.014
48.898	-0.027	48.928	-0.027	48.956	-0.024	48.985	-0.028	54.661	-0.018	54.690	-0.013	54.714	-0.012	54.735	-0.016
49.009	-0.029	49.028	-0.021	49.058	-0.021	49.083	-0.017	54.754	-0.020	54.781	-0.019	54.798	-0.019	54.823	-0.027
49.107	-0.021	49.135	-0.017	49.163	-0.016	49.187	-0.012	54.851	-0.031	54.879	-0.035	54.919	-0.035	54.964	-0.034

55.018	-0.029	55.049	-0.028	55.052	-0.032	55.058	-0.020	59.291	0.013	59.305	0.000	59.325	0.008	59.343	0.020
55.073	-0.019	55.082	-0.019	55.094	-0.027	55.107	-0.022	59.349	0.024	59.361	0.019	59.380	-0.001	59.405	-0.001
55.109	-0.022	55.119	-0.022	55.129	-0.029	55.139	-0.033	59.418	0.003	59.430	0.011	59.457	0.022	59.469	0.010
55.149	-0.029	55.163	-0.020	55.179	-0.016	55.191	-0.015	59.492	0.026	59.511	0.022	59.535	0.002	59.548	-0.010
55.207	-0.019	55.218	-0.018	55.225	-0.018	55.238	-0.014	59.568	0.002	59.581	0.014	59.593	0.021	59.606	0.005
55.255	-0.013	55.275	-0.016	55.297	-0.031	55.315	-0.023	59.620	0.009	59.636	0.013	59.654	-0.007	59.664	-0.003
55.332	-0.011	55.351	-0.007	55.368	-0.004	55.389	-0.004	59.676	0.005	59.693	0.001	59.720	0.013	59.733	-0.003
55.407	-0.012	55.417	-0.008	55.429	-0.004	55.460	-0.001	59.748	-0.011	59.765	0.001	59.777	0.012	59.789	0.012
55.481	-0.009	55.496	-0.009	55.509	-0.001	55.528	0.006	59.807	0.012	59.829	0.008	59.853	-0.016	59.866	-0.016
55.550	0.006	55.568	0.002	55.587	0.005	55.604	0.001	59.881	-0.008	59.900	0.000	59.919	-0.012	59.937	-0.012
55.631	0.005	55.662	0.020	55.684	0.016	55.716	0.014	59.950	-0.005	59.957	0.011	59.975	-0.009	60.005	-0.010
55.741	0.010	55.773	0.001	55.811	-0.001	55.826	-0.005	60.017	-0.006	60.032	0.001	60.048	-0.007	60.061	-0.015
55.854	-0.022	55.888	-0.035	55.907	-0.024	55.928	-0.017	60.078	-0.016	60.102	-0.012	60.119	-0.009	60.140	-0.009
55.953	-0.025	55.976	-0.022	55.996	-0.019	56.007	-0.023	60.152	0.011	60.168	0.006	60.192	-0.010	60.206	-0.011
56.024	-0.031	56.046	-0.028	56.067	-0.032	56.088	-0.037	60.215	-0.003	60.231	0.000	60.247	0.000	60.263	0.004
56.109	-0.026	56.130	-0.030	56.150	-0.035	56.169	-0.035	60.280	-0.009	60.302	-0.009	60.319	0.002	60.340	0.001
56.190	-0.044	56.209	-0.040	56.230	-0.036	56.246	-0.033	60.362	-0.003	60.374	-0.003	60.387	-0.004	60.407	-0.000
56.260	-0.041	56.272	-0.041	56.292	-0.037	56.318	-0.034	60.425	0.007	60.445	0.003	60.462	-0.007	60.471	0.006
56.342	-0.034	56.358	-0.023	56.379	-0.019	56.402	-0.019	60.486	0.002	60.498	-0.002	60.509	-0.002	60.517	0.002
56.420	-0.012	56.445	-0.004	56.468	-0.013	56.490	-0.021	60.535	-0.002	60.543	-0.006	60.559	0.010	60.575	0.002
56.508	-0.026	56.525	-0.022	56.547	-0.018	56.572	-0.015	60.581	0.006	60.603	-0.002	60.619	-0.007	60.639	0.001
56.590	-0.019	56.617	-0.020	56.641	-0.016	56.658	-0.017	60.651	0.001	60.663	-0.003	60.678	-0.019	60.689	-0.010
56.672	-0.017	56.698	-0.018	56.725	-0.019	56.746	-0.016	60.710	-0.010	60.738	-0.010	60.751	0.006	60.775	0.007
56.765	-0.013	56.791	-0.014	56.817	-0.003	56.838	-0.000	60.784	0.007	60.804	0.003	60.816	0.008	60.827	0.012
56.855	-0.008	56.876	-0.013	56.899	-0.014	56.921	-0.015	60.838	0.016	60.855	0.016	60.875	0.013	60.894	0.013
56.945	-0.008	56.966	-0.013	56.982	-0.025	57.000	-0.034	60.910	0.013	60.930	0.001	60.947	0.001	60.960	0.005
57.025	-0.031	57.037	-0.028	57.052	-0.017	57.072	-0.018	60.979	0.013	60.990	0.017	61.014	0.018	61.028	0.014
57.089	-0.018	57.112	-0.016	57.131	-0.016	57.157	-0.013	61.050	0.018	61.072	-0.006	61.088	0.002	61.103	0.022
57.176	-0.002	57.200	0.002	57.222	0.001	57.238	0.001	61.119	0.018	61.139	0.010	61.157	0.010	61.181	0.006
57.260	-0.004	57.285	-0.020	57.314	-0.021	57.344	-0.017	61.194	0.002	61.209	-0.002	61.225	-0.002	61.238	0.002
57.351	-0.018	57.368	-0.014	57.385	-0.019	57.409	-0.019	61.252	0.006	61.263	0.014	61.278	0.006	61.290	0.002
57.421	-0.027	57.451	-0.019	57.469	-0.023	57.484	-0.035	61.303	-0.002	61.318	0.002	61.332	0.006	61.350	0.017
57.502	-0.035	57.522	-0.027	57.543	-0.027	57.560	-0.031	61.371	0.021	61.395	0.025	61.408	0.025	61.422	0.013
57.578	-0.039	57.599	-0.031	57.618	-0.020	57.632	-0.020	61.436	0.009	61.454	0.009	61.472	0.013	61.475	0.013
57.651	-0.020	57.670	-0.020	57.686	-0.008	57.701	-0.008	61.492	0.010	61.505	0.006	61.521	0.014	61.540	0.022
57.719	-0.012	57.737	-0.008	57.749	-0.004	57.766	-0.004	61.556	0.022	61.572	0.014	61.584	0.006	61.598	0.002
57.781	-0.004	57.797	-0.002	57.812	-0.012	57.834	-0.004	61.612	0.007	61.634	0.007	61.641	0.003	61.656	-0.001
57.846	-0.005	57.867	-0.005	57.884	-0.009	57.902	-0.005	61.666	0.003	61.686	0.003	61.703	-0.005	61.714	0.011
57.921	-0.001	57.947	-0.001	57.967	0.002	57.990	0.006	61.726	0.011	61.735	0.015	61.748	0.019	61.759	0.011
58.005	0.006	58.030	0.002	58.045	-0.002	58.066	-0.007	61.771	0.003	61.786	0.007	61.793	0.011	61.802	0.007
58.087	0.005	58.104	0.009	58.129	0.024	58.151	0.028	61.813	0.012	61.824	0.019	61.842	0.024	61.860	0.016
58.172	0.032	58.187	0.024	58.207	0.011	58.226	0.015	61.871	-0.000	61.890	-0.000	61.905	0.008	61.920	0.020
58.245	0.022	58.263	0.026	58.286	0.025	58.307	0.017	61.933	0.028	61.941	0.024	61.952	0.016	61.968	0.020
58.332	-0.003	58.356	0.000	58.377	0.008	58.389	0.004	61.986	0.028	62.005	0.032	62.027	0.028	62.045	0.016
58.403	-0.001	58.424	-0.005	58.442	0.003	58.459	0.006	62.054	0.016	62.066	0.020	62.086	0.028	62.097	0.032
58.477	-0.002	58.493	-0.010	58.503	-0.002	58.525	-0.003	62.111	0.033	62.119	0.033	62.135	0.025	62.150	0.033
58.533	-0.011	58.544	-0.019	58.568	-0.023	58.575	-0.012	62.175	0.033	62.192	0.029	62.208	0.033	62.227	0.032
58.601	-0.028	58.615	-0.016	58.638	-0.040	58.653	-0.033	62.249	0.022	62.283	0.030	62.292	0.030	62.303	0.034
58.670	-0.013	58.696	-0.012	58.714	-0.016	58.728	-0.024	62.322	0.043	62.344	0.031	62.364	0.035	62.386	0.032
58.741	-0.012	58.763	-0.000	58.782	-0.008	58.801	-0.004	62.407	0.032	62.447	0.024	62.469	0.025	62.469	0.025
58.814	-0.016	58.833	-0.015	58.847	-0.003	58.873	0.005	62.482	0.021	62.497	0.025	62.509	0.025	62.531	0.025
58.898	-0.007	58.917	-0.015	58.936	-0.019	58.952	-0.014	62.546	0.010	62.565	-0.018	62.587	0.018	62.601	0.010
58.977	-0.014	58.998	-0.030	59.021	-0.034	59.043	-0.006	62.608	0.006	62.627	-0.001	62.643	0.015	62.664	-0.001
59.060	-0.006	59.079	-0.001	59.101	-0.013	59.121	-0.013	62.682	-0.006	62.701	-0.006	62.718	-0.002	62.743	-0.018
59.145	-0.009	59.162	-0.001	59.184	0.006	59.198	0.002	62.758	-0.015	62.785	-0.003	62.804	0.005	62.818	-0.008
59.212	0.002	59.234	0.006	59.250	0.009	59.273	0.017	62.853	-0.004	62.870	-0.012	62.891	-0.017	62.913	-0.005

62.931	0.006	62.959	0.009	62.970	0.017	62.983	0.016	66.424	0.035	66.434	0.039	66.442	0.042	66.451	0.042
62.995	0.004	63.004	-0.004	63.020	-0.001	63.039	0.003	66.465	0.042	66.479	0.042	66.496	0.042	66.505	0.046
63.061	-0.010	63.076	-0.006	63.089	-0.003	63.104	0.001	66.511	0.042	66.527	0.046	66.540	0.046	66.547	0.042
63.115	0.008	63.130	0.012	63.149	-0.001	63.165	0.007	66.557	0.046	66.563	0.046	66.567	0.046	66.581	0.050
63.193	0.015	63.210	0.007	63.220	0.003	63.243	-0.005	66.596	0.054	66.609	0.050	66.621	0.054	66.629	0.058
63.268	-0.009	63.285	-0.025	63.299	-0.026	63.319	-0.066	66.642	0.058	66.651	0.058	66.665	0.058	66.678	0.062
63.335	-0.002	63.352	-0.006	63.367	-0.010	63.386	-0.018	66.688	0.062	66.700	0.058	66.712	0.070	66.727	0.070
63.398	-0.010	63.418	-0.042	63.434	-0.037	63.449	-0.025	66.741	0.066	66.753	0.054	66.763	0.054	66.775	0.062
63.468	-0.009	63.480	-0.005	63.503	-0.017	63.522	-0.024	66.787	0.070	66.802	0.070	66.814	0.062	66.827	0.058
63.540	0.012	63.552	-0.008	63.577	0.000	63.594	0.004	66.838	0.050	66.856	0.050	66.868	0.058	66.878	0.057
63.613	0.008	63.634	0.009	63.655	0.001	63.673	-0.015	66.894	0.065	66.905	0.061	66.915	0.060	66.924	0.060
63.686	-0.022	63.715	-0.010	63.734	0.002	63.752	0.010	66.941	0.056	66.957	0.059	66.974	0.055	66.989	0.055
63.776	0.018	63.803	0.019	63.825	0.015	63.843	0.015	67.001	0.054	67.016	0.054	67.028	0.054	67.040	0.053
63.861	0.019	63.882	0.020	63.898	0.024	63.921	0.012	67.051	0.053	67.062	0.061	67.074	0.060	67.087	0.060
63.937	0.008	63.962	0.020	63.984	0.028	64.003	0.017	67.098	0.060	67.109	0.059	67.115	0.047	67.128	0.055
64.021	0.017	64.036	0.009	64.049	0.009	64.067	0.013	67.140	0.055	67.154	0.054	67.169	0.050	67.181	0.041
64.080	0.017	64.100	0.014	64.123	0.018	64.133	0.014	67.194	0.041	67.208	0.044	67.221	0.044	67.228	0.043
64.148	0.014	64.158	0.018	64.168	0.018	64.188	0.013	67.247	0.046	67.262	0.044	67.276	0.041	67.293	0.040
64.212	0.009	64.232	0.017	64.245	-0.012	64.266	0.036	67.308	0.043	67.321	0.043	67.333	0.038	67.348	0.029
64.284	0.016	64.304	0.003	64.323	-0.001	64.341	0.006	67.360	0.033	67.371	0.036	67.383	0.040	67.393	0.031
64.359	0.006	64.377	0.010	64.393	0.006	64.407	0.006	67.410	0.022	67.420	0.018	67.433	0.022	67.442	0.026
64.422	0.009	64.442	0.005	64.458	0.005	64.473	0.008	67.456	0.029	67.465	0.033	67.477	0.025	67.492	0.021
64.497	0.000	64.511	-0.000	64.524	-0.000	64.545	-0.001	67.503	0.028	67.519	0.028	67.536	0.028	67.549	0.027
64.559	-0.009	64.573	-0.009	64.584	-0.001	64.593	0.002	67.562	0.031	67.571	0.035	67.583	0.034	67.586	0.026
64.619	0.006	64.636	0.002	64.654	-0.006	64.672	0.002	67.672	0.040	67.689	0.044	67.702	0.048	67.712	0.044
64.692	0.010	64.706	0.014	64.720	0.006	64.743	0.014	67.722	0.040	67.742	0.036	67.758	0.048	67.770	0.048
64.753	0.011	64.770	0.007	64.795	0.015	64.804	0.015	67.795	0.049	67.807	0.049	67.820	0.049	67.834	0.045
64.830	0.007	64.850	0.015	64.863	0.007	64.873	0.011	67.864	0.049	67.880	0.049	67.898	0.049	67.922	0.042
64.893	0.003	64.910	0.003	64.943	0.003	64.959	0.015	67.940	0.046	67.956	0.050	67.980	0.054	67.989	0.058
64.977	0.003	64.988	0.003	65.002	0.007	65.019	0.007	68.010	0.053	68.032	0.049	68.044	0.053	68.066	0.061
65.035	0.007	65.051	0.006	65.073	-0.002	65.082	0.002	68.083	0.057	68.105	0.049	68.117	0.048	68.138	0.040
65.096	-0.002	65.116	-0.006	65.127	-0.002	65.149	0.002	68.151	0.052	68.168	0.052	68.184	0.048	68.207	0.047
65.166	0.006	65.188	0.006	65.209	0.002	65.232	0.010	68.233	0.042	68.252	0.046	68.277	0.037	68.301	0.032
65.250	0.006	65.268	-0.002	65.289	-0.006	65.298	-0.002	68.321	0.048	68.352	0.043	68.368	0.042	68.390	0.042
65.314	0.002	65.337	0.005	65.350	0.017	65.372	0.021	68.419	0.033	68.443	0.025	68.466	0.033	68.492	0.029
65.386	0.029	65.416	0.013	65.445	0.014	65.471	0.018	68.508	0.017	68.535	0.025	68.558	0.041	68.578	0.037
65.483	0.018	65.489	0.010	65.493	0.006	65.502	0.018	68.601	0.031	68.626	0.029	68.643	0.033	68.661	0.029
65.517	0.015	65.537	0.027	65.554	0.023	65.570	0.027	68.679	0.033	68.690	0.037	68.707	0.038	68.731	0.034
65.587	0.028	65.595	0.024	65.608	0.028	65.617	0.028	68.755	0.035	68.773	0.043	68.784	0.047	68.805	0.052
65.635	0.021	65.656	0.021	65.677	0.025	65.693	0.025	68.825	0.044	68.842	0.044	68.856	0.049	68.876	0.045
65.717	0.034	65.728	0.026	65.740	0.030	65.757	0.019	68.899	0.053	68.915	0.058	68.937	0.058	68.949	0.054
65.770	0.019	65.783	0.027	65.801	0.027	65.813	0.024	68.976	0.046	68.986	0.046	69.003	0.046	69.018	0.054
65.829	0.020	65.849	0.012	65.866	0.017	65.885	0.025	69.033	0.046	69.051	0.054	69.067	0.058	69.081	0.050
65.900	0.025	65.907	0.026	65.920	0.022	65.933	0.022	69.098	0.050	69.109	0.046	69.126	0.058	69.140	0.062
65.941	0.018	65.958	0.019	65.974	0.023	65.990	0.035	69.156	0.053	69.170	0.045	69.192	0.053	69.211	0.048
66.000	0.031	66.006	0.032	66.019	0.028	66.031	0.032	69.223	0.044	69.242	0.045	69.255	0.043	69.279	0.031
66.039	0.032	66.043	0.032	66.044	0.032	66.050	0.033	69.302	0.043	69.314	0.050	69.337	0.050	69.352	0.038
66.057	0.033	66.066	0.037	66.077	0.041	66.084	0.037	69.388	0.049	69.409	0.041	69.428	0.037	69.449	0.048
66.102	0.049	66.117	0.045	66.128	0.041	66.139	0.033	69.471	0.040	69.492	0.024	69.517	0.036	69.545	0.051
66.147	0.033	66.167	0.033	66.179	0.033	66.190	0.033	69.573	0.047	69.601	0.042	69.626	0.038	69.650	0.034
66.202	0.038	66.212	0.042	66.222	0.038	66.233	0.042	69.668	0.038	69.678	0.045	69.700	0.053	69.724	0.040
66.249	0.042	66.259	0.042	66.268	0.042	66.276	0.042	69.742	0.040	69.756	0.043	69.792	0.042	69.811	0.042
66.282	0.038	66.288	0.038	66.299	0.038	66.307	0.042	69.836	0.045	69.851	0.048	69.866	0.048	69.884	0.055
66.315	0.046	66.325	0.050	66.334	0.042	66.343	0.038	69.906	0.051	69.926	0.046	69.951	0.045	69.985	0.048
66.355	0.034	66.367	0.034	66.376	0.042	66.381	0.042	70.018	0.039	70.040	0.027	70.061	0.038	70.082	0.045
66.385	0.042	66.389	0.038	66.402	0.043	66.409	0.047	70.100	0.041	70.124	0.044	70.135	0.036	70.161	0.035

70.180	0.031	70.195	0.027	70.217	0.032	70.237	0.028	74.182	0.032	74.197	0.043	74.209	0.031	74.222	0.027
70.258	0.021	70.284	0.025	70.301	0.021	70.319	0.025	74.237	0.019	74.256	0.031	74.269	0.027	74.289	0.027
70.335	0.026	70.349	0.030	70.363	0.026	70.375	0.034	74.311	0.027	74.324	0.034	74.344	0.030	74.367	0.026
70.393	0.034	70.407	0.031	70.426	0.031	70.446	0.039	74.380	0.038	74.392	0.034	74.403	0.026	74.413	0.018
70.459	0.032	70.480	0.028	70.456	0.032	70.510	0.036	74.427	0.022	74.440	0.038	74.454	0.030	74.470	0.030
70.536	0.033	70.555	0.041	70.574	0.041	70.585	0.037	74.480	0.041	74.494	0.043	74.507	0.041	74.522	0.029
70.603	0.026	70.620	0.038	70.636	0.042	70.657	0.031	74.539	0.029	74.554	0.045	74.558	0.041	74.573	0.049
70.674	0.019	70.687	0.007	70.702	0.011	70.720	0.027	74.585	0.041	74.596	0.033	74.610	0.037	74.621	0.041
70.738	0.034	70.755	0.030	70.776	0.030	70.788	0.034	74.638	0.029	74.653	0.025	74.694	0.044	74.718	0.028
70.808	0.038	70.824	0.038	70.850	0.033	70.873	0.025	74.737	0.024	74.752	0.028	74.768	0.023	74.790	0.019
70.900	0.033	70.909	0.041	70.924	0.041	70.940	0.029	74.811	0.031	74.826	0.019	74.841	0.015	74.862	0.026
71.069	0.024	70.974	0.032	70.992	0.036	71.016	0.031	74.869	0.038	74.882	0.038	74.898	0.026	74.917	0.018
71.139	0.031	71.083	0.034	71.102	0.026	71.122	0.026	74.931	0.002	74.937	0.002	74.960	0.014	74.981	0.002
71.232	0.025	71.160	0.033	71.190	0.029	71.210	0.021	74.995	0.005	75.018	0.013	75.036	0.013	75.058	0.009
71.305	0.044	71.327	0.044	71.263	0.032	71.282	0.040	75.080	0.017	75.103	0.013	75.126	0.009	75.145	0.009
71.383	0.016	71.409	0.027	71.430	0.031	71.451	0.039	75.156	0.017	75.168	0.021	75.197	0.025	75.212	0.025
71.470	0.047	71.503	0.055	71.528	0.052	71.545	0.037	75.219	0.014	75.243	0.014	75.261	0.022	75.279	0.026
71.568	0.037	71.591	0.026	71.609	0.034	71.627	0.043	75.313	0.026	75.325	0.018	75.339	0.022	75.352	0.026
71.632	0.043	71.673	0.032	71.698	0.036	71.717	0.033	75.375	0.023	75.390	0.027	75.409	0.031	75.420	0.027
71.733	0.025	71.748	0.021	71.756	0.029	71.781	0.041	75.435	0.019	75.454	0.022	75.471	0.018	75.484	0.014
71.801	0.033	71.821	0.026	71.846	0.022	71.864	0.026	75.487	0.018	75.514	0.018	75.526	0.018	75.547	0.025
71.885	0.034	71.902	0.038	71.918	0.026	71.946	0.034	75.567	0.029	75.581	0.025	75.604	0.025	75.614	0.025
71.962	0.038	71.976	0.034	71.991	0.026	72.003	0.030	75.627	0.017	75.641	0.020	75.656	0.016	75.667	0.012
72.025	0.033	72.044	0.036	72.064	0.020	72.087	0.019	75.685	0.020	75.700	0.028	75.713	0.020	75.733	0.015
72.106	0.030	72.125	0.034	72.146	0.037	72.162	0.033	75.749	0.023	75.764	0.023	75.788	0.011	75.804	0.006
72.183	0.020	72.202	0.024	72.213	0.032	72.234	0.028	75.831	0.022	75.842	0.018	75.857	0.014	75.878	0.001
72.243	0.024	72.263	0.019	72.275	0.023	72.294	0.031	75.895	0.007	75.909	0.007	75.931	0.003	75.948	0.000
72.313	0.035	72.329	0.019	72.346	0.027	72.365	0.034	75.963	0.004	75.980	0.008	75.999	0.016	76.021	0.008
72.381	0.042	72.405	0.034	72.424	0.018	72.445	0.018	76.046	0.005	76.062	0.005	76.077	0.001	76.098	0.005
72.454	0.018	72.477	0.030	72.495	0.039	72.511	0.031	76.117	0.013	76.132	0.025	76.158	0.006	76.171	0.006
72.540	0.023	72.562	0.028	72.587	0.020	72.604	0.028	76.183	0.010	76.196	0.010	76.217	0.018	76.242	0.010
72.624	0.024	72.637	0.032	72.652	0.041	72.671	0.029	76.256	0.001	76.278	0.005	76.286	0.003	76.295	0.007
72.697	0.009	72.710	0.021	72.722	0.033	72.737	0.041	76.312	0.011	76.328	0.000	76.341	0.004	76.355	0.004
72.751	0.037	72.768	0.029	72.789	0.025	72.807	0.037	76.374	0.008	76.389	0.000	76.404	0.005	76.415	0.013
72.829	0.041	72.845	0.021	72.863	0.017	72.880	0.025	76.433	0.009	76.447	0.001	76.464	0.012	76.480	0.004
72.888	0.033	72.897	0.037	72.909	0.025	72.921	0.017	76.492	0.004	76.512	0.008	76.523	0.012	76.545	0.004
72.935	0.021	72.956	0.033	72.978	0.033	72.987	0.025	76.557	0.008	76.579	0.016	76.604	0.012	76.622	0.008
73.008	0.020	73.023	0.032	73.040	0.040	73.057	0.025	76.635	0.000	76.653	0.000	76.670	0.000	76.685	0.003
73.071	0.032	73.091	0.020	73.104	0.012	73.122	0.036	76.699	0.011	76.711	0.011	76.718	0.011	76.735	0.007
73.138	0.023	73.152	0.027	73.168	0.019	73.181	0.027	76.749	0.015	76.755	0.019	76.769	0.019	76.787	0.018
73.202	0.035	73.219	0.015	73.231	0.019	73.250	0.030	76.807	0.026	76.816	0.038	76.835	0.046	76.853	0.050
73.258	0.030	73.276	0.030	73.297	0.022	73.317	0.030	76.869	0.050	76.885	0.042	76.895	0.042	76.911	0.038
73.334	0.026	73.352	0.029	73.377	0.021	73.394	0.021	76.929	0.022	76.938	0.014	76.950	0.010	76.965	0.010
73.409	0.025	73.418	0.029	73.432	0.037	73.451	0.045	76.978	0.014	76.989	0.022	77.001	0.022	77.008	0.014
73.468	0.041	73.487	0.033	73.503	0.029	73.520	0.037	77.020	0.022	77.023	0.022	77.026	0.022	77.029	0.018
73.529	0.049	73.544	0.041	73.564	0.045	73.577	0.053	77.032	0.018	77.036	0.018	77.078	0.018	77.132	0.014
73.595	0.042	73.608	0.034	73.624	0.050	73.644	0.042	77.185	0.014	77.250	0.006	77.333	0.006	77.384	0.006
73.658	0.030	73.674	0.026	73.693	0.034	73.705	0.042	77.423	0.006	77.470	0.002	77.528	0.002	77.596	0.006
73.709	0.034	73.725	0.034	73.745	0.030	73.763	0.034	77.705	0.006	77.779	0.002	77.873	0.006	77.941	0.006
73.786	0.042	73.809	0.035	73.824	0.039	73.839	0.043	78.031	0.006	78.070	0.006	78.123	0.006	78.170	0.006
73.856	0.047	73.873	0.031	73.891	0.027	73.914	0.039	78.220	0.006	78.265	0.006	78.322	0.006	78.373	0.006
73.932	0.030	73.940	0.030	73.960	0.018	73.975	0.039	78.427	0.006	78.483	0.006	78.554	0.006	78.620	0.006
73.996	0.034	74.010	0.029	74.025	0.029	74.036	0.013	78.710	0.006	78.773	0.006	78.812	0.002	78.869	0.002
74.054	0.009	74.066	0.021	74.080	0.025	74.089	0.029	78.919	0.002	78.963	0.002	79.028	0.002	79.073	0.002
74.112	0.028	74.137	0.024	74.150	0.024	74.167	0.024	79.128	0.002	79.169	0.002	79.214	0.002	79.257	0.002
								79.314	0.002	79.371	0.002	79.450	0.002	79.499	0.002



79.530	0.002	79.576	0.002	79.645	0.002	79.687	0.002	89.217	0.014	89.237	0.014	89.252	0.014	89.269	0.014
79.743	0.002	79.801	0.002	79.884	0.002	79.941	0.002	89.296	0.014	89.323	0.014	89.354	0.014	89.384	0.014
80.022	0.002	80.094	0.002	80.142	0.002	80.208	0.002	89.411	0.014	89.445	0.014	89.474	0.014	89.500	0.014
80.297	0.002	80.344	0.002	80.405	0.002	80.459	0.002	89.526	0.014	89.555	0.014	89.584	0.014	89.607	0.014
80.509	0.002	80.580	0.002	80.634	0.002	80.691	0.002	89.635	0.014	89.648	0.014	89.663	0.014	89.675	0.014
80.735	0.002	80.796	0.002	80.834	0.002	80.874	0.010	89.687	0.014	89.698	0.030	89.715	0.030	89.733	0.030
80.948	0.006	81.021	0.006	81.079	0.002	81.162	0.002	89.753	0.030	89.777	0.030	89.799	0.030	89.817	0.030
81.213	0.002	81.261	0.002	81.312	0.002	81.343	0.010	89.829	0.030	89.844	0.030	89.866	0.030	89.886	0.030
81.427	0.018	81.483	0.018	81.559	0.018	81.621	0.014	89.901	0.030	89.914	0.030	89.934	0.030	89.951	0.022
81.654	0.022	81.694	0.018	81.711	0.030	81.751	0.034	89.970	0.022	89.996	0.022	90.015	0.022	90.032	0.022
81.782	0.034	81.803	0.026	81.834	0.026	81.864	0.022	90.063	0.022	90.079	0.030	90.102	0.030	90.130	0.030
81.897	0.022	81.944	0.022	81.980	0.022	82.052	0.025	90.162	0.030	90.186	0.030	90.204	0.030	90.223	0.030
82.121	0.024	82.184	0.023	82.240	0.022	82.285	0.022	90.239	0.030	90.254	0.030	90.282	0.030	90.306	0.030
82.315	0.021	82.353	0.019	82.400	0.018	82.453	0.016	90.326	0.030	90.340	0.034	90.360	0.034	90.388	0.034
82.506	0.014	82.535	0.014	82.565	0.017	82.600	0.017	90.415	0.034	90.442	0.034	90.480	0.034	90.504	0.034
82.628	0.020	82.667	0.035	82.691	0.031	82.718	0.030	90.530	0.034	90.554	0.034	90.578	0.034	90.600	0.034
82.743	0.026	82.768	0.006	82.792	0.006	82.819	0.006	90.616	0.034	90.636	0.034	90.652	0.034	90.673	0.034
82.862	0.006	82.930	0.006	82.983	0.006	83.047	0.006	90.696	0.034	90.712	0.034	90.731	0.034	90.744	0.034
83.077	0.006	83.104	0.018	83.129	0.002	83.157	0.006	90.765	0.034	90.783	0.034	90.796	0.034	90.815	0.034
83.174	0.002	83.201	0.010	83.224	0.002	83.266	0.002	90.824	0.034	90.834	0.034	90.850	0.034	90.868	0.034
83.326	0.002	83.403	0.002	83.455	0.002	83.503	0.002	90.887	0.034	90.914	0.034	90.939	0.034	90.966	0.034
83.545	0.002	83.604	0.014	83.650	0.006	83.685	0.002	90.980	0.034	90.991	0.034	91.000	0.034	91.011	0.034
83.714	0.002	83.750	0.006	83.791	0.002	83.835	0.002	91.020	0.034	91.029	0.034	91.035	0.034	91.045	0.034
83.895	0.002	83.926	0.006	83.959	0.010	83.993	0.006	91.050	0.034	91.063	0.034	91.083	0.034	91.102	0.034
84.046	0.006	84.107	0.006	84.159	0.002	84.205	0.002	91.125	0.034	91.139	0.034	91.159	0.034	91.169	0.034
84.250	0.002	84.281	0.006	84.306	0.002	84.338	0.014	91.179	0.042	91.199	0.042	91.211	0.042	91.222	0.042
84.366	0.014	84.400	0.010	84.428	0.010	84.459	0.006	91.231	0.042	91.242	0.042	91.256	0.042	91.272	0.042
84.492	0.006	84.516	0.006	84.534	0.006	84.571	0.006	91.294	0.042	91.314	0.042	91.330	0.042	91.352	0.042
84.635	0.006	84.691	0.006	84.733	0.014	84.783	0.014	91.370	0.042	91.396	0.042	91.413	0.042	91.435	0.042
84.835	0.014	84.887	0.014	84.936	0.014	84.981	0.014	91.459	0.042	91.490	0.042	91.515	0.042	91.539	0.042
85.015	0.014	85.095	0.014	85.151	0.010	85.229	0.010	91.562	0.042	91.581	0.042	91.599	0.042	91.627	0.042
85.275	0.010	85.314	0.010	85.353	0.010	85.431	0.010	91.657	0.042	91.684	0.042	91.711	0.042	91.732	0.042
85.509	0.010	85.580	0.010	85.635	0.010	85.722	0.010	91.754	0.022	91.772	0.022	91.789	0.022	91.808	0.022
85.787	0.018	85.859	0.022	85.921	0.018	85.946	0.034	91.823	0.022	91.835	0.022	91.850	0.022	91.862	0.022
85.975	0.034	86.002	0.026	86.036	0.030	86.069	0.026	91.871	0.022	91.882	0.022	91.891	0.022	91.897	0.022
86.087	0.034	86.106	0.030	86.134	0.026	86.169	0.022	91.911	0.022	91.918	0.022	91.930	0.022	91.938	0.022
86.241	0.022	86.280	0.018	86.322	0.018	86.352	0.014	91.942	0.022	91.959	0.022	91.985	0.022	92.001	0.022
86.410	0.013	86.465	0.011	86.527	0.009	86.606	0.006	92.018	0.022	92.044	0.022	92.073	0.022	92.096	0.022
86.699	0.001	86.761	0.019	86.811	0.018	86.866	0.008	92.118	0.022	92.139	0.022	92.151	0.022	92.166	0.010
86.904	0.001	86.950	0.002	87.016	0.002	87.087	0.002	92.181	0.010	92.198	0.010	92.224	0.010	92.234	0.002
87.172	0.002	87.241	0.002	87.299	0.002	87.367	0.002	92.259	0.002	92.285	0.002	92.309	0.002	92.333	0.002
87.443	0.002	87.495	0.010	87.547	0.018	87.607	0.014	92.359	0.002	92.398	0.002	92.412	0.002	92.431	0.002
87.679	0.018	87.732	0.018	87.787	0.002	87.836	0.002	92.452	0.002	92.473	0.002	92.501	0.002	92.525	0.002
87.857	0.010	87.886	0.006	87.921	0.006	87.962	0.006	92.552	0.002	92.572	0.002	92.596	0.002	92.627	0.002
88.005	0.002	88.028	0.010	88.049	0.022	88.079	0.022	92.644	0.002	92.662	0.002	92.686	0.002	92.718	0.002
88.105	0.022	88.127	0.022	88.154	0.022	88.172	0.022	92.741	0.002	92.755	0.002	92.764	0.002	92.779	0.002
88.201	0.022	88.226	0.022	88.261	0.022	88.289	0.022	92.790	0.002	92.800	0.002	92.809	0.002	92.827	0.002
88.305	0.022	88.342	0.022	88.381	0.022	88.410	0.022	92.853	0.002	92.874	0.002	92.897	0.002	92.920	0.002
88.455	0.021	88.492	0.020	88.530	0.020	88.561	0.019	92.937	0.002	92.955	0.002	92.972	0.002	92.998	0.002
88.602	0.018	88.623	0.017	88.645	0.016	88.672	0.016	93.005	0.002	93.020	0.002	93.039	0.002	93.051	0.002
88.706	0.015	88.730	0.015	88.757	0.014	88.778	0.014	93.073	0.002	93.089	0.002	93.106	0.002	93.125	0.002
88.802	0.014	88.821	0.014	88.848	0.014	88.871	0.014	93.146	0.002	93.168	0.002	93.190	0.002	93.221	0.002
88.892	0.014	88.936	0.014	88.952	0.014	88.969	0.014	93.241	0.002	93.255	0.002	93.281	0.002	93.296	0.002
88.993	0.014	89.012	0.014	89.031	0.014	89.048	0.014	93.312	0.002	93.327	0.002	93.342	0.002	93.358	0.002
89.066	0.014	89.091	0.014	89.113	0.014	89.130	0.014	93.374	0.002	93.399	0.002	93.399	0.002	93.415	0.010
89.149	0.014	89.173	0.014	89.187	0.014	89.198	0.014	93.433	0.010	93.449	0.010	93.469	0.010	93.495	0.010

93.518	-0.010	93.542	-0.010	93.570	-0.010	93.593	-0.010	98.140	0.010	98.162	0.010	98.183	0.010	98.202	0.010
93.622	-0.010	93.649	-0.010	93.667	-0.010	93.689	-0.010	98.221	0.010	98.242	0.010	98.263	0.010	98.286	0.010
93.704	-0.010	93.730	-0.010	93.759	-0.010	93.787	-0.010	98.302	0.010	98.319	0.010	98.335	0.010	98.351	0.010
93.867	-0.010	93.827	-0.010	93.843	-0.002	93.868	-0.002	98.363	0.010	98.376	0.010	98.388	0.002	98.401	-0.006
93.988	-0.002	93.908	-0.002	93.922	-0.002	93.943	-0.002	98.412	0.002	98.424	-0.002	98.434	-0.002	98.447	0.002
93.957	-0.002	93.971	-0.002	93.981	-0.002	93.989	-0.002	98.461	0.002	98.478	-0.002	98.488	-0.002	98.497	-0.002
94.003	-0.002	94.025	-0.002	94.043	-0.002	94.059	-0.002	98.517	-0.002	98.535	-0.002	98.554	-0.002	98.571	-0.002
94.079	-0.002	94.099	-0.002	94.118	-0.002	94.134	-0.002	98.594	-0.002	98.605	-0.002	98.622	-0.002	98.639	-0.002
94.159	-0.006	94.177	-0.006	94.197	-0.006	94.213	-0.002	98.654	-0.002	98.668	0.002	98.686	0.002	98.698	0.002
94.227	-0.006	94.242	-0.006	94.262	-0.006	94.278	-0.006	98.716	-0.006	98.737	-0.006	98.749	-0.010	98.767	-0.010
94.295	-0.006	94.311	-0.006	94.327	-0.006	94.346	-0.006	98.784	-0.010	98.802	-0.010	98.820	-0.010	98.838	-0.010
94.363	-0.006	94.394	-0.006	94.415	-0.006	94.433	-0.006	98.856	-0.010	98.877	-0.010	98.893	-0.010	98.902	-0.010
94.458	-0.006	94.476	-0.006	94.499	-0.006	94.523	-0.006	98.915	-0.010	98.926	-0.010	98.945	-0.010	98.967	-0.010
94.545	-0.006	94.564	-0.006	94.597	-0.006	94.633	-0.006	98.987	-0.010	99.003	-0.010	99.024	-0.010	99.051	-0.010
94.673	-0.006	94.703	-0.006	94.736	-0.006	94.754	-0.006	99.076	-0.010	99.101	-0.010	99.122	-0.010	99.149	-0.010
94.784	-0.006	94.821	-0.006	94.839	-0.006	94.854	0.002	99.184	-0.010	99.200	-0.010	99.205	-0.010	99.212	-0.010
94.888	0.002	94.911	0.002	94.941	0.002	94.986	0.002	99.220	-0.010	99.240	-0.010				
95.030	0.002	95.068	0.002	95.105	0.002	95.145	0.018								
95.184	0.018	95.233	0.018	95.259	0.018	95.272	0.018								
95.305	0.018	95.334	0.018	95.347	0.018	95.368	0.018								
95.379	0.018	95.389	0.018	95.399	0.018	95.407	0.018								
95.417	0.018	95.426	0.018	95.437	0.018	95.444	0.018								
95.453	0.018	95.458	0.018	95.465	0.018	95.475	0.018								
95.492	0.018	95.498	0.018	95.504	0.018	95.510	0.018								
95.523	0.018	95.530	0.018	95.535	0.018	95.547	0.018								
95.557	0.018	95.564	0.018	95.569	0.018	95.575	0.018								
95.578	0.018	95.586	0.018	95.600	0.018	95.620	0.018								
95.646	0.018	95.660	0.018	95.686	0.018	95.718	0.018								
95.752	0.018	95.772	0.018	95.755	0.018	95.818	0.018								
95.838	0.018	95.877	0.018	95.903	0.018	95.939	0.018								
95.975	0.018	96.020	0.018	96.047	0.018	96.078	0.018								
96.115	0.018	96.151	0.018	96.172	0.018	96.187	0.018								
96.200	0.018	96.209	0.018	96.219	0.018	96.229	0.018								
96.235	0.018	96.242	0.018	96.248	0.018	96.257	0.018								
96.272	0.018	96.291	0.018	96.302	0.018	96.320	0.018								
96.329	0.018	96.346	0.018	96.370	0.018	96.385	0.018								
96.408	0.018	96.429	0.018	96.445	0.018	96.461	0.018								
96.476	0.018	96.498	0.018	96.512	0.018	96.530	0.018								
96.551	0.018	96.566	0.018	96.581	0.018	96.598	0.018								
96.614	0.018	96.630	0.018	96.646	0.018	96.673	0.018								
96.698	0.018	96.725	0.018	96.750	0.018	96.774	0.018								
96.808	0.018	96.826	0.018	96.850	0.018	96.877	0.018								
96.894	0.018	96.912	0.018	96.925	0.018	96.949	0.018								
96.986	0.018	97.014	0.018	97.033	0.018	97.058	0.018								
97.082	0.018	97.103	0.018	97.129	0.018	97.149	0.018								
97.167	0.018	97.195	0.018	97.207	0.018	97.233	0.018								
97.257	0.018	97.269	0.026	97.293	0.026	97.327	0.026								
97.362	0.026	97.392	0.026	97.423	0.026	97.458	0.026								
97.502	0.026	97.521	0.026	97.552	0.026	97.577	0.026								
97.593	0.018	97.616	0.022	97.630	0.022	97.645	0.022								
97.657	0.010	97.671	0.014	97.685	0.022	97.698	0.022								
97.712	0.014	97.728	0.014	97.744	0.014	97.755	0.022								
97.771	0.022	97.789	0.022	97.812	0.022	97.831	0.022								
97.852	0.022	97.868	0.022	97.890	0.022	97.904	0.018								
97.917	0.018	97.942	0.018	97.971	0.018	97.995	0.014								
98.024	0.018	98.055	0.018	98.085	0.018	98.110	0.010								

71.141 2/9/71 0600PST LONG BEACH STATE COLLEGE GD. LEVEL N76W

**2780 POINTS 53.325 SECONDS**

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0907 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.005	0.012	0.004	0.023	0.004	0.032	0.004	2.052	0.003	2.100	0.011	2.113	0.027	2.127	0.011	2.180
0.040	0.052	0.004	0.063	0.023	0.073	0.023	2.135	-0.033	2.154	-0.108	2.168	-0.172	2.180	-0.207	2.229
0.081	0.092	0.059	0.100	0.055	0.109	0.054	2.195	-0.267	2.203	-0.219	2.215	-0.250	2.229	-0.282	2.276
0.118	0.129	0.054	0.139	0.038	0.152	0.030	2.245	-0.243	2.256	-0.179	2.268	-0.131	2.276	-0.059	2.333
0.164	0.178	0.001	0.196	0.004	0.212	0.012	2.250	-0.076	2.302	-0.067	2.316	-0.059	2.333	-0.079	2.382
0.223	0.234	0.023	0.244	0.023	0.255	0.022	2.343	-0.103	2.354	-0.135	2.370	-0.154	2.382	-0.170	2.442
0.264	0.279	0.017	0.294	0.029	0.306	0.040	2.356	-0.150	2.413	-0.114	2.425	-0.079	2.442	-0.007	2.450
0.317	0.328	0.071	0.344	0.071	0.356	0.058	2.453	0.028	2.463	0.044	2.475	0.028	2.450	-0.011	2.520
0.370	0.383	0.018	0.403	-0.026	0.420	-0.051	2.510	-0.083	2.521	-0.139	2.530	-0.154	2.540	-0.123	2.600
0.432	0.442	-0.032	0.454	-0.040	0.464	-0.024	2.548	-0.087	2.567	-0.035	2.584	0.068	2.600	0.119	2.645
0.473	0.479	0.031	0.494	0.059	0.510	0.070	2.608	0.155	2.619	0.159	2.630	0.171	2.645	0.163	2.688
0.524	0.538	0.042	0.548	0.026	0.553	-0.001	2.655	0.139	2.664	0.131	2.677	0.115	2.688	0.099	2.726
0.564	0.571	0.006	0.583	0.022	0.597	0.034	2.657	0.103	2.707	0.059	2.713	0.087	2.726	0.075	2.762
0.607	0.613	0.058	0.636	0.006	0.650	-0.014	2.735	0.067	2.743	0.054	2.752	0.050	2.762	0.066	2.851
0.662	0.675	-0.058	0.692	-0.030	0.708	-0.011	2.771	0.077	2.780	0.101	2.785	0.121	2.851	0.152	2.898
0.720	0.739	0.005	0.756	0.013	0.767	0.025	2.815	0.159	2.827	0.203	2.840	0.230	2.851	0.265	2.938
0.779	0.786	0.060	0.800	0.076	0.811	0.080	2.863	0.293	2.873	0.284	2.885	0.252	2.898	0.204	2.952
0.828	0.842	0.024	0.860	0.024	0.875	-0.020	2.913	0.144	2.924	0.100	2.938	0.060	2.948	0.032	3.020
0.885	0.897	-0.051	0.905	-0.059	0.914	-0.040	2.957	0.032	2.968	0.015	2.979	0.003	2.992	-0.009	3.062
0.930	0.941	0.011	0.956	0.031	0.973	0.030	3.000	0.006	3.012	0.034	3.020	0.038	3.029	0.049	3.079
0.991	1.007	0.025	1.025	0.037	1.038	0.068	3.043	0.037	3.053	0.017	3.071	-0.012	3.079	-0.028	3.124
1.055	1.069	0.111	1.083	0.039	1.104	0.082	3.092	0.040	3.103	-0.060	3.112	-0.092	3.124	-0.109	3.166
1.117	1.130	0.078	1.145	0.066	1.176	0.057	3.134	-0.129	3.144	-0.157	3.156	-0.177	3.166	-0.189	3.201
1.179	1.210	0.041	1.226	0.056	1.243	-0.027	3.174	-0.086	3.183	-0.162	3.190	-0.138	3.201	-0.090	3.259
1.257	1.275	-0.080	1.290	-0.056	1.303	-0.104	3.209	-0.038	3.217	-0.005	3.222	0.029	3.229	0.057	3.289
1.319	1.329	-0.065	1.341	-0.025	1.362	0.018	3.236	0.013	3.245	0.061	3.253	0.041	3.262	0.025	3.301
1.375	1.387	0.097	1.375	0.061	1.411	0.033	3.273	0.025	3.283	0.053	3.294	0.065	3.301	0.089	3.359
1.419	1.433	-0.035	1.446	-0.075	1.457	-0.103	3.312	0.089	3.323	0.089	3.330	0.077	3.345	0.057	3.402
1.471	1.484	-0.139	1.504	-0.107	1.518	-0.056	3.354	0.045	3.362	0.030	3.370	0.026	3.378	0.042	3.415
1.533	1.543	0.019	1.557	0.031	1.571	0.014	3.386	0.054	3.396	0.105	3.406	0.149	3.415	0.185	3.451
1.587	1.603	-0.030	1.615	-0.038	1.630	-0.054	3.420	0.217	3.427	0.225	3.436	0.233	3.451	0.209	3.509
1.649	1.657	0.010	1.667	0.010	1.683	0.010	3.462	0.170	3.473	0.130	3.485	0.079	3.500	0.059	3.547
1.658	1.767	0.006	1.718	0.026	1.735	0.006	3.512	0.031	3.524	0.031	3.536	0.028	3.547	0.024	3.580
1.751	1.751	0.006	1.783	0.014	1.793	0.026	3.559	0.004	3.570	0.000	3.580	-0.008	3.591	0.001	3.621
1.805	1.819	0.074	1.835	0.153	1.854	0.182	3.601	0.009	3.606	0.017	3.615	0.025	3.631	0.021	3.654
1.881	1.881	0.229	1.889	0.222	1.897	0.222	3.640	-0.007	3.654	-0.027	3.661	-0.047	3.670	-0.055	3.690
1.932	1.932	0.222	1.929	0.218	1.943	0.206	3.680	-0.043	3.690	-0.035	3.700	-0.031	3.710	-0.011	3.759
2.006	1.956	0.175	1.976	0.139	1.992	0.071	3.726	-0.059	3.741	-0.055	3.749	-0.143	3.759	-0.174	3.795
2.068	2.020	-0.056	2.031	-0.056	2.037	-0.111	3.762	-0.198	3.773	-0.238	3.783	-0.258	3.795	-0.270	3.841
2.048	2.058	-0.108	2.071	-0.076	2.084	-0.032	3.810	-0.218	3.822	-0.266	3.832	-0.246	3.841	-0.219	3.895

3.850	-0.191	3.659	-0.167	3.867	-0.151	3.875	-0.124	6.041	-0.051	6.052	-0.047	6.063	-0.011	6.065	0.025
3.885	-0.096	3.894	-0.064	3.905	-0.044	3.913	-0.021	6.080	0.072	6.091	0.068	6.091	0.088	6.096	0.163
3.925	-0.001	3.938	-0.017	3.953	-0.077	3.965	-0.137	6.101	0.183	6.111	0.211	6.120	0.195	6.130	0.175
3.976	-0.184	3.988	-0.200	3.996	-0.173	4.002	-0.128	6.134	0.173	6.144	0.127	6.152	0.107	6.158	0.107
4.016	-0.050	4.023	0.001	4.032	0.069	4.041	0.133	6.169	0.111	6.177	0.115	6.183	0.119	6.191	0.111
4.050	0.168	4.057	0.168	4.076	0.155	4.089	0.139	6.201	0.091	6.208	0.063	6.219	0.027	6.225	-0.024
4.098	0.143	4.106	0.147	4.120	0.147	4.127	0.064	6.239	-0.084	6.246	-0.136	6.258	-0.243	6.276	-0.318
4.137	0.079	4.146	0.035	4.155	-0.021	4.167	0.131	6.250	-0.346	6.299	-0.358	6.314	-0.351	6.324	-0.343
4.177	-0.144	4.193	-0.224	4.203	-0.260	4.212	-0.280	6.335	-0.323	6.347	-0.304	6.359	-0.265	6.367	-0.209
4.223	-0.296	4.234	-0.296	4.249	-0.276	4.258	-0.249	6.378	-0.134	6.391	-0.015	6.402	-0.032	6.418	0.027
4.268	-0.189	4.277	-0.134	4.283	-0.063	4.292	-0.019	6.434	0.114	6.445	0.166	6.461	0.229	6.473	0.304
4.300	0.012	4.308	0.040	4.315	0.060	4.325	0.067	6.487	0.331	6.500	0.303	6.514	0.227	6.526	0.179
4.337	0.063	4.347	0.075	4.357	0.091	4.372	0.122	6.537	0.107	6.548	0.063	6.564	0.035	6.571	0.038
4.384	0.146	4.397	0.165	4.405	0.173	4.418	0.165	6.577	0.038	6.585	0.042	6.593	0.041	6.595	0.029
4.431	0.141	4.441	0.125	4.455	0.117	4.470	0.112	6.606	0.021	6.615	-0.004	6.627	-0.012	6.635	0.007
4.479	0.124	4.491	0.124	4.502	0.124	4.515	0.124	6.640	0.035	6.647	0.058	6.655	0.094	6.662	0.133
4.526	0.131	4.535	0.139	4.543	0.151	4.550	0.147	6.669	0.164	6.677	0.184	6.685	0.207	6.699	0.191
4.561	0.151	4.573	0.147	4.593	0.139	4.607	0.111	6.711	0.146	6.724	0.102	6.741	0.042	6.755	-0.011
4.658	0.134	4.668	0.150	4.675	0.161	4.685	0.102	6.766	-0.055	6.782	-0.111	6.794	-0.159	6.805	-0.211
4.700	0.161	4.711	0.145	4.723	0.105	4.735	0.061	6.822	-0.239	6.835	-0.212	6.844	-0.168	6.855	-0.113
4.749	0.013	4.759	-0.023	4.770	-0.023	4.783	-0.011	6.867	-0.042	6.876	0.013	6.887	0.056	6.901	0.092
4.797	-0.007	4.808	0.000	4.820	0.004	4.831	0.008	6.925	0.021	6.942	-0.005	6.948	-0.005	6.948	-0.009
4.840	0.016	4.853	0.011	4.863	0.023	4.873	0.023	6.973	-0.018	6.973	-0.018	6.982	-0.019	6.997	-0.039
4.887	0.031	4.895	0.026	4.906	0.014	4.914	-0.006	7.011	-0.078	7.023	-0.118	7.040	-0.166	7.049	-0.182
4.928	-0.026	4.941	-0.066	4.954	-0.082	4.970	-0.114	7.058	-0.190	7.067	-0.182	7.080	-0.174	7.090	-0.174
4.979	-0.170	4.990	-0.206	5.003	-0.229	5.014	-0.222	7.099	-0.182	7.108	-0.174	7.117	-0.162	7.128	-0.142
5.022	-0.182	5.031	-0.142	5.038	-0.122	5.047	-0.099	7.140	-0.094	7.148	-0.039	7.157	-0.003	7.166	0.045
5.054	-0.071	5.065	-0.047	5.075	-0.031	5.082	-0.055	7.170	0.061	7.177	0.056	7.182	0.124	7.189	0.144
5.089	-0.063	5.099	-0.123	5.108	-0.151	5.116	-0.187	7.195	0.172	7.204	0.188	7.219	0.180	7.228	0.140
5.122	-0.210	5.133	-0.222	5.144	-0.199	5.150	-0.167	7.241	0.116	7.250	0.056	7.260	0.096	7.270	0.080
5.160	-0.143	5.164	-0.088	5.170	-0.044	5.178	-0.016	7.285	0.056	7.301	0.168	7.318	0.135	7.329	0.159
5.184	0.019	5.192	0.051	5.202	0.087	5.213	0.095	7.340	0.163	7.352	0.167	7.366	0.191	7.373	0.218
5.222	0.106	5.231	0.106	5.238	0.098	5.246	0.095	7.382	0.230	7.393	0.282	7.402	0.282	7.416	0.305
5.261	0.055	5.273	0.087	5.286	0.088	5.293	0.084	7.426	0.329	7.435	0.345	7.443	0.352	7.452	0.336
5.303	0.080	5.313	0.073	5.322	0.073	5.333	0.093	7.460	0.312	7.476	0.264	7.484	0.228	7.493	0.172
5.342	0.105	5.352	0.121	5.363	0.161	5.370	0.197	7.501	0.137	7.503	0.089	7.511	0.049	7.522	-0.019
5.377	0.225	5.389	0.265	5.401	0.297	5.410	0.282	7.530	-0.059	7.540	-0.091	7.548	-0.087	7.565	-0.076
5.422	0.242	5.431	0.207	5.443	0.144	5.453	0.089	7.576	-0.072	7.586	-0.056	7.598	-0.060	7.615	-0.068
5.463	0.045	5.469	0.017	5.484	0.014	5.493	0.010	7.629	-0.080	7.641	-0.104	7.656	-0.116	7.669	-0.132
5.499	0.010	5.505	0.010	5.513	0.010	5.522	0.007	7.680	-0.136	7.697	-0.172	7.709	-0.204	7.723	-0.232
5.532	-0.001	5.544	-0.013	5.551	-0.025	5.562	-0.044	7.739	-0.264	7.755	-0.295	7.766	-0.303	7.778	-0.299
5.573	-0.020	5.585	-0.000	5.593	0.020	5.601	0.036	7.786	-0.300	7.802	-0.284	7.812	-0.296	7.822	-0.300
5.612	0.024	5.626	0.001	5.633	-0.031	5.643	-0.074	7.842	-0.284	7.842	-0.256	7.859	-0.188	7.869	-0.141
5.651	-0.110	5.657	-0.154	5.665	-0.205	5.670	-0.241	7.883	-0.089	7.892	-0.041	7.901	-0.013	7.910	0.022
5.677	-0.277	5.682	-0.317	5.688	-0.332	5.697	-0.348	7.919	0.054	7.927	0.098	7.934	0.126	7.942	0.150
5.706	-0.336	5.714	-0.317	5.725	-0.265	5.730	-0.225	7.949	0.165	7.957	0.177	7.968	0.158	7.977	0.138
5.739	-0.178	5.742	-0.146	5.748	-0.110	5.754	-0.074	8.001	0.114	8.008	0.062	8.008	0.070	8.021	0.031
5.761	-0.015	5.767	0.029	5.776	0.076	5.780	0.120	8.034	-0.013	8.045	-0.056	8.054	-0.092	8.064	-0.124
5.787	0.144	5.798	0.184	5.804	0.211	5.812	0.241	8.072	-0.132	8.085	-0.148	8.097	-0.136	8.107	-0.100
5.819	0.243	5.826	0.263	5.837	0.239	5.849	0.219	8.113	-0.068	8.129	0.011	8.137	0.039	8.171	0.127
5.857	0.200	5.876	0.184	5.884	0.180	5.892	0.180	8.146	0.063	8.152	0.055	8.159	0.115	8.171	0.127
5.936	0.180	5.907	0.172	5.917	0.168	5.927	0.124	8.179	0.151	8.186	0.155	8.194	0.194	8.207	0.222
5.933	0.084	5.933	0.033	5.917	0.168	5.927	0.124	8.220	0.234	8.232	0.207	8.241	0.183	8.253	0.155
5.971	-0.090	5.980	-0.114	5.952	-0.015	5.960	-0.039	8.265	0.139	8.273	0.127	8.284	0.168	8.298	0.116
6.007	-0.102	6.016	-0.102	5.987	-0.114	5.998	-0.110	8.309	0.127	8.319	0.135	8.328	0.159	8.335	0.171
				6.022	-0.086	6.031	-0.074	8.346	0.151	8.355	0.116	8.365	0.076	8.380	0.017

8.358	-0.055	8.407	-0.102	8.421	-0.134	8.431	-0.146	11.382	0.025	11.406	0.001	11.439	-0.051	11.463	-0.094
8.442	-0.146	8.451	-0.146	8.462	-0.134	8.469	-0.130	11.483	-0.126	11.503	-0.146	11.526	-0.114	11.561	-0.059
8.483	-0.086	8.496	-0.031	8.512	0.069	8.525	0.140	11.601	-0.035	11.638	-0.008	11.669	0.040	11.699	0.083
8.551	0.184	8.551	0.231	8.568	0.267	8.583	0.267	11.729	0.147	11.746	0.155	11.783	0.067	11.815	-0.013
8.589	0.255	8.607	0.251	8.625	0.219	8.636	0.187	11.842	-0.041	11.868	-0.013	11.906	0.030	11.940	0.066
8.648	0.152	8.665	0.128	8.675	0.104	8.689	0.096	11.975	0.042	11.998	0.042	12.033	0.086	12.058	0.097
8.658	0.080	8.720	0.068	8.741	0.024	8.751	-0.004	12.091	0.117	12.123	0.141	12.152	0.078	12.179	0.046
8.764	-0.012	8.778	-0.012	8.792	-0.005	8.808	-0.001	12.205	0.121	12.227	0.209	12.247	0.272	12.273	0.269
8.819	-0.001	8.832	-0.013	8.839	-0.009	8.850	-0.009	12.302	0.218	12.335	0.123	12.358	0.044	12.376	-0.039
8.859	-0.002	8.871	0.030	8.880	0.057	8.888	0.069	12.396	-0.079	12.416	-0.066	12.452	-0.018	12.482	0.006
8.895	0.085	8.904	0.080	8.915	0.076	8.932	0.076	12.505	-0.013	12.571	-0.056	12.571	0.012	12.599	0.112
8.945	0.071	8.956	0.055	8.968	0.011	8.974	-0.025	12.619	0.203	12.640	0.215	12.662	0.288	12.674	0.288
8.984	-0.033	8.994	-0.057	9.003	-0.145	9.014	-0.157	12.702	0.217	12.727	0.126	12.756	0.067	12.779	0.063
9.028	-0.138	9.038	-0.110	9.048	-0.075	9.061	-0.048	12.814	0.091	12.832	0.075	12.866	0.020	12.881	-0.024
9.076	-0.032	9.090	-0.037	9.102	-0.049	9.113	-0.066	12.918	-0.067	12.938	-0.063	12.968	-0.019	12.997	-0.007
9.126	-0.078	9.141	-0.098	9.158	-0.139	9.167	-0.171	13.032	-0.035	13.061	-0.051	13.090	-0.059	13.119	-0.066
9.226	-0.304	9.243	-0.261	9.264	-0.210	9.277	-0.171	13.148	-0.019	13.174	0.029	13.207	0.069	13.235	0.124
9.287	-0.148	9.296	-0.096	9.305	-0.080	9.314	-0.049	13.372	0.164	13.394	0.072	13.419	-0.007	13.441	-0.070
9.324	-0.025	9.331	0.018	9.337	0.058	9.348	0.093	13.459	-0.082	13.491	-0.051	13.525	0.013	13.555	0.080
9.360	0.105	9.372	0.101	9.388	0.093	9.401	0.061	13.585	0.128	13.609	0.128	13.636	0.123	13.660	0.115
9.412	0.040	9.421	0.036	9.433	0.016	9.448	-0.020	13.700	0.028	13.727	-0.032	13.753	-0.072	13.782	-0.115
9.461	-0.044	9.468	-0.072	9.480	-0.088	9.489	-0.096	13.818	-0.132	13.840	-0.132	13.875	-0.152	13.922	-0.156
9.505	-0.073	9.517	-0.045	9.527	-0.029	9.536	-0.018	13.960	-0.208	14.030	-0.185	14.030	-0.102	14.059	-0.030
9.545	-0.006	9.555	0.010	9.564	0.014	9.576	0.001	14.053	0.041	14.121	0.080	14.148	0.068	14.179	0.060
9.589	-0.005	9.603	-0.047	9.614	-0.071	9.625	-0.087	14.215	0.060	14.244	0.052	14.278	0.095	14.312	0.151
9.640	-0.108	9.654	-0.104	9.671	-0.101	9.685	-0.113	14.347	0.175	14.377	0.183	14.407	0.135	14.441	0.083
9.701	-0.105	9.713	-0.078	9.724	-0.023	9.737	0.037	14.465	0.063	14.512	0.104	14.544	0.096	14.575	0.081
9.748	0.112	9.761	0.183	9.770	0.242	9.784	0.297	14.609	0.073	14.635	0.050	14.664	0.042	14.700	0.062
9.793	0.332	9.804	0.347	9.815	0.335	9.833	0.298	14.731	0.067	14.755	0.067	14.783	0.071	14.813	0.079
9.842	0.254	9.858	0.210	9.869	0.185	9.885	0.188	14.835	0.071	14.864	0.051	14.887	0.028	14.914	-0.020
9.896	0.196	9.907	0.211	9.924	0.222	9.933	0.218	14.946	-0.067	14.968	-0.075	14.991	-0.076	15.021	-0.124
9.940	0.217	9.947	0.209	9.958	0.181	9.967	0.144	15.052	-0.164	15.079	-0.208	15.103	-0.252	15.133	-0.256
9.981	0.092	9.990	0.040	9.998	0.001	10.009	-0.071	15.158	-0.240	15.187	-0.229	15.226	-0.186	15.252	-0.134
10.019	-0.119	10.027	-0.170	10.037	-0.186	10.049	-0.210	15.290	-0.111	15.326	-0.107	15.361	-0.104	15.395	-0.108
10.059	-0.207	10.068	-0.199	10.080	-0.167	10.094	-0.140	15.425	-0.109	15.451	-0.081	15.476	-0.026	15.501	0.062
10.109	-0.076	10.117	-0.049	10.132	-0.033	10.148	-0.029	15.532	0.141	15.563	0.176	15.591	0.141	15.616	0.077
10.160	0.002	10.173	0.014	10.182	-0.014	10.190	-0.046	15.640	0.025	15.663	-0.014	15.686	-0.022	15.712	-0.015
10.156	-0.085	10.212	-0.117	10.228	-0.129	10.242	-0.104	15.743	0.021	15.771	0.029	15.803	-0.015	15.836	-0.062
10.251	-0.049	10.264	0.003	10.274	0.070	10.283	0.134	15.855	-0.082	15.886	-0.102	15.914	-0.078	15.945	-0.062
10.291	0.178	10.298	0.225	10.306	0.269	10.312	0.304	15.985	-0.047	16.021	-0.011	16.059	0.013	16.103	0.029
10.320	0.312	10.333	0.312	10.347	0.288	10.356	0.248	16.137	0.029	16.170	0.025	16.205	0.005	16.226	0.029
10.369	0.217	10.385	0.173	10.394	0.137	10.405	0.105	16.254	0.041	16.282	0.049	16.306	0.045	16.325	0.033
10.421	0.065	10.432	0.006	10.444	-0.042	10.456	-0.094	16.361	0.065	16.390	0.080	16.412	0.080	16.438	0.076
10.469	-0.050	10.483	-0.003	10.495	0.045	10.508	0.092	16.463	0.069	16.490	0.041	16.514	0.021	16.535	-0.011
10.520	0.108	10.531	0.144	10.539	0.144	10.560	0.108	16.576	-0.035	16.608	0.001	16.633	0.028	16.660	0.040
10.572	0.057	10.583	-0.011	10.598	-0.047	10.604	-0.023	16.692	0.008	16.716	-0.012	16.740	-0.044	16.767	-0.084
10.613	-0.023	10.619	-0.023	10.623	-0.027	10.627	-0.027	16.754	-0.100	16.816	-0.056	16.856	-0.065	16.886	-0.049
10.636	-0.019	10.653	-0.003	10.673	0.009	10.691	0.013	16.933	-0.014	16.968	0.009	17.009	0.045	17.042	0.060
10.715	-0.010	10.744	-0.030	10.765	-0.034	10.782	-0.002	17.067	0.072	17.105	0.032	17.135	-0.005	17.160	-0.056
10.810	0.082	10.838	0.149	10.859	0.142	10.875	0.122	17.179	-0.080	17.214	-0.089	17.238	-0.073	17.269	-0.002
10.858	0.031	10.917	-0.049	10.937	-0.128	10.958	-0.171	17.288	0.054	17.325	0.109	17.355	0.113	17.393	0.101
10.983	-0.187	11.013	-0.151	11.045	-0.079	11.072	-0.012	17.417	0.089	17.444	0.065	17.484	0.069	17.489	0.077
11.099	0.052	11.119	0.040	11.139	0.024	11.159	-0.011	17.508	0.077	17.532	0.077	17.557	0.077	17.585	0.073
11.178	-0.063	11.203	-0.150	11.228	-0.201	11.256	-0.150	17.619	0.030	17.654	0.022	17.691	0.038	17.712	0.038
11.280	-0.058	11.302	-0.043	11.330	0.013	11.360	0.025	17.741	0.002	17.771	-0.046	17.801	-0.106	17.827	-0.146

17.853	-0.154	17.882	-0.139	17.909	-0.119	17.933	-0.119	23.264	-0.075	23.280	-0.063	23.306	-0.051	23.327	-0.048
17.954	-0.108	17.989	-0.092	18.015	-0.092	18.036	-0.092	23.344	-0.032	23.362	-0.028	23.384	-0.009	23.404	0.011
18.064	-0.100	18.082	-0.093	18.117	-0.049	18.145	-0.001	23.417	0.030	23.441	0.042	23.459	0.042	23.480	0.046
18.172	0.038	18.198	0.082	18.226	0.097	18.255	0.114	23.500	0.041	23.523	0.049	23.546	0.037	23.563	0.037
18.279	0.121	18.300	0.126	18.330	0.114	18.350	0.114	23.585	0.033	23.608	0.049	23.633	0.013	23.653	-0.006
18.375	0.122	18.399	0.122	18.429	0.119	18.461	0.119	23.673	-0.038	23.692	-0.058	23.715	-0.073	23.738	-0.086
18.487	0.127	18.512	0.115	18.533	0.103	18.554	0.123	23.759	-0.102	23.776	-0.117	23.803	-0.137	23.820	-0.146
18.585	0.147	18.619	0.112	18.641	0.080	18.675	0.025	23.840	-0.138	23.860	-0.122	23.881	-0.106	23.901	-0.095
18.700	-0.019	18.733	-0.047	18.769	-0.027	18.804	-0.011	23.920	-0.091	23.944	-0.055	23.975	-0.116	23.996	-0.124
18.835	-0.124	18.864	-0.116	18.880	-0.052	18.907	-0.104	24.014	-0.112	24.031	-0.101	24.046	-0.077	24.061	-0.062
18.934	0.006	19.073	0.033	19.097	0.033	19.121	0.032	24.085	-0.038	24.099	-0.026	24.119	-0.023	24.139	-0.035
19.148	0.024	19.173	0.000	19.206	-0.017	19.238	-0.029	24.153	-0.043	24.165	-0.043	24.185	-0.027	24.207	-0.024
19.272	-0.038	19.306	-0.014	19.337	0.001	19.362	0.040	24.223	-0.016	24.246	-0.020	24.263	-0.021	24.282	-0.041
19.398	0.075	19.424	0.075	19.451	0.075	19.486	0.086	24.259	-0.041	24.322	-0.034	24.340	-0.062	24.356	-0.066
19.525	0.114	19.549	0.110	19.570	0.109	19.587	0.105	24.377	-0.055	24.396	-0.044	24.418	-0.020	24.441	0.011
19.608	0.085	19.631	0.073	19.655	0.057	19.682	0.061	24.463	0.066	24.478	0.081	24.495	0.109	24.511	0.128
19.705	0.069	19.736	0.073	19.759	0.065	19.782	0.029	24.517	0.128	24.531	0.136	24.550	0.135	24.568	0.143
19.807	0.009	19.827	-0.014	19.854	-0.034	19.871	-0.046	24.588	0.139	24.615	0.138	24.642	0.134	24.665	0.138
19.896	-0.022	19.926	0.010	19.958	0.026	19.985	-0.014	24.703	0.141	24.731	0.157	24.756	0.160	24.777	0.168
20.008	-0.046	20.034	-0.073	20.063	-0.077	20.098	-0.046	24.800	0.183	24.821	0.203	24.844	0.206	24.864	0.210
20.139	0.002	20.171	0.056	20.202	0.117	20.231	0.165	24.887	0.202	24.900	0.166	24.928	0.177	24.947	0.161
20.259	0.180	20.282	0.176	20.314	0.156	20.343	0.128	24.968	0.137	24.990	0.106	25.015	0.070	25.041	0.026
20.375	0.100	20.408	0.084	20.435	0.036	20.462	-0.020	25.065	-0.010	25.087	-0.038	25.106	-0.054	25.133	-0.065
20.488	-0.048	20.524	-0.073	20.550	-0.073	20.586	-0.070	25.152	-0.077	25.175	-0.085	25.200	-0.085	25.222	-0.089
20.611	-0.051	20.641	-0.028	20.673	-0.025	20.705	-0.037	25.239	-0.086	25.261	-0.086	25.285	-0.086	25.309	-0.095
20.732	-0.051	20.760	-0.068	20.783	-0.066	20.820	0.003	25.329	-0.099	25.355	-0.103	25.379	-0.095	25.406	-0.088
20.855	0.060	20.887	0.102	20.924	0.102	20.962	0.101	25.432	-0.076	25.458	-0.057	25.482	-0.045	25.499	-0.034
20.988	0.108	21.021	0.105	21.056	0.093	21.083	0.082	25.522	-0.026	25.538	-0.018	25.557	-0.023	25.579	-0.019
21.102	0.070	21.131	0.048	21.142	0.025	21.162	-0.030	25.600	-0.028	25.621	-0.032	25.644	-0.041	25.664	-0.049
21.180	-0.041	21.194	-0.056	21.214	-0.063	21.241	-0.050	25.686	-0.049	25.710	-0.050	25.732	-0.050	25.753	-0.059
21.258	-0.057	21.273	-0.061	21.290	-0.056	21.314	-0.044	25.775	-0.071	25.792	-0.075	25.813	-0.075	25.833	-0.076
21.331	-0.020	21.356	0.012	21.375	0.016	21.396	0.032	25.854	-0.072	25.881	-0.072	25.925	-0.076	25.956	-0.080
21.415	0.040	21.435	0.048	21.459	0.044	21.478	0.041	25.982	-0.085	26.006	-0.077	26.026	-0.073	26.045	-0.065
21.502	0.021	21.525	-0.003	21.549	-0.026	21.572	-0.034	26.060	-0.069	26.082	-0.073	26.104	-0.077	26.121	-0.082
21.586	-0.035	21.621	-0.040	21.648	-0.036	21.673	-0.049	26.139	-0.086	26.165	-0.082	26.187	-0.082	26.213	-0.075
21.689	-0.034	21.706	-0.018	21.719	0.005	21.740	0.044	26.236	-0.071	26.254	-0.071	26.276	-0.075	26.301	-0.080
21.755	0.056	21.769	0.071	21.785	0.079	21.803	0.082	26.316	-0.068	26.339	-0.052	26.365	-0.032	26.388	-0.021
21.818	0.081	21.833	0.061	21.850	0.041	21.869	0.020	26.409	-0.009	26.429	-0.005	26.452	-0.001	26.472	-0.001
21.902	-0.025	21.928	-0.049	21.950	-0.061	21.967	-0.066	26.488	0.006	26.501	0.002	26.521	-0.006	26.537	-0.014
21.986	-0.050	22.003	-0.043	22.023	0.000	22.042	0.008	26.557	-0.026	26.572	-0.034	26.592	-0.042	26.614	-0.043
22.064	0.027	22.082	0.055	22.104	0.086	22.127	0.090	26.633	-0.039	26.657	-0.039	26.677	-0.040	26.699	-0.040
22.142	0.074	22.165	0.081	22.186	0.093	22.206	0.100	26.711	-0.040	26.732	-0.032	26.752	-0.020	26.771	-0.012
22.230	0.104	22.261	0.092	22.282	0.095	22.300	0.091	26.789	-0.004	26.811	0.000	26.829	-0.004	26.844	-0.003
22.317	0.083	22.342	0.067	22.368	0.071	22.386	0.066	26.858	-0.015	26.874	-0.030	26.891	-0.041	26.913	-0.061
22.400	0.074	22.416	0.074	22.431	0.062	22.449	0.042	26.933	-0.076	26.950	-0.067	26.966	-0.103	26.982	-0.107
22.474	0.022	22.490	0.005	22.505	0.001	22.515	0.001	27.001	-0.114	27.018	-0.110	27.039	-0.110	27.059	-0.105
22.529	0.016	22.556	0.051	22.582	0.090	22.606	0.114	27.078	-0.063	27.095	-0.055	27.115	-0.052	27.129	-0.040
22.619	0.125	22.633	0.133	22.649	0.133	22.661	0.129	27.150	-0.029	27.170	-0.021	27.191	-0.044	27.209	-0.040
22.674	0.117	22.705	0.088	22.732	0.076	22.754	0.048	27.227	-0.029	27.240	-0.021	27.258	-0.017	27.283	-0.025
22.776	0.040	22.800	0.036	22.828	0.028	22.849	0.028	27.257	-0.017	27.316	-0.030	27.336	-0.014	27.353	-0.003
22.866	0.028	22.881	0.036	22.894	0.044	22.909	0.041	27.382	0.017	27.402	0.029	27.419	0.033	27.442	0.049
22.926	0.033	22.950	0.005	22.973	-0.007	22.995	-0.023	27.465	0.061	27.486	0.061	27.504	0.058	27.525	0.050
23.019	-0.038	23.038	-0.048	23.066	-0.072	23.088	-0.092	27.546	0.042	27.568	0.042	27.593	0.042	27.607	0.050
23.108	-0.116	23.125	-0.117	23.147	-0.125	23.170	-0.133	27.633	0.046	27.665	0.041	27.689	0.029	27.682	0.013
23.187	-0.129	23.207	-0.122	23.223	-0.110	23.245	-0.086	27.658	0.005	27.712	-0.007	27.725	-0.015	27.739	-0.016
								27.758	-0.008	27.777	0.000	27.756	0.008	27.811	0.020

27.826	0.024	27.840	0.028	27.855	0.016	27.878	0.004	32.366	0.092	32.385	0.088	32.402	0.067	32.422	0.067
27.909	-0.020	27.939	-0.044	27.965	-0.063	27.983	-0.075	32.441	0.058	32.457	0.038	32.478	0.013	32.493	-0.007
27.999	-0.079	28.018	-0.087	28.032	-0.075	28.049	-0.060	32.514	-0.024	32.532	-0.020	32.551	-0.029	32.569	-0.018
28.080	-0.041	28.110	-0.013	28.140	0.006	28.156	0.034	32.588	-0.010	32.607	-0.003	32.631	-0.012	32.656	-0.021
28.173	0.045	28.189	0.053	28.209	0.060	28.232	0.067	32.678	-0.029	32.701	-0.024	32.720	-0.039	32.740	-0.036
28.252	0.075	28.277	0.090	28.299	0.113	28.321	0.129	32.761	-0.024	32.781	-0.016	32.801	-0.009	32.822	0.015
28.332	0.144	28.349	0.148	28.373	0.155	28.391	0.163	32.846	0.023	32.869	0.038	32.896	0.046	32.920	0.042
28.411	0.167	28.433	0.159	28.445	0.155	28.460	0.148	32.942	0.026	32.963	0.015	32.981	0.019	33.000	0.031
28.477	0.144	28.495	0.140	28.514	0.140	28.533	0.140	33.019	0.039	33.039	0.047	33.056	0.051	33.078	0.040
28.554	0.141	28.571	0.153	28.589	0.153	28.611	0.146	33.102	0.032	33.121	0.012	33.140	-0.004	33.159	-0.011
28.634	0.142	28.654	0.130	28.677	0.118	28.699	0.110	33.178	0.027	33.196	-0.011	33.215	-0.027	33.238	-0.019
28.712	0.098	28.728	0.090	28.745	0.098	28.763	0.098	33.259	-0.023	33.281	-0.039	33.301	-0.055	33.321	-0.075
28.781	0.094	28.803	0.098	28.826	0.110	28.844	0.106	33.346	-0.095	33.370	-0.067	33.393	-0.071	33.416	-0.068
28.874	0.106	28.895	0.102	28.917	0.101	28.944	0.101	33.436	-0.056	33.458	-0.060	33.479	-0.060	33.500	-0.064
28.964	0.096	28.991	0.088	29.014	0.079	29.035	0.078	33.523	-0.041	33.546	-0.068	33.563	-0.061	33.584	-0.053
29.056	0.081	29.078	0.080	29.099	0.079	29.122	0.067	33.604	-0.041	33.624	-0.041	33.646	-0.045	33.672	-0.064
29.142	0.058	29.161	0.050	29.175	0.049	29.202	0.045	33.655	-0.084	33.716	-0.101	33.739	-0.093	33.761	-0.077
29.221	0.036	29.240	0.024	29.256	0.016	29.272	0.004	33.783	-0.062	33.804	-0.042	33.827	-0.034	33.849	-0.035
29.284	0.000	29.302	0.004	29.322	0.020	29.339	0.028	33.870	-0.047	33.893	-0.040	33.916	-0.048	33.939	-0.049
29.355	0.032	29.386	0.040	29.411	0.032	29.444	0.025	33.958	-0.049	33.983	-0.050	34.006	-0.051	34.033	-0.047
29.464	0.025	29.495	0.021	29.519	0.017	29.539	0.021	34.054	-0.048	34.076	-0.028	34.101	-0.005	34.120	-0.002
29.561	0.013	29.581	0.021	29.604	0.021	29.620	0.017	34.156	0.002	34.177	-0.002	34.200	0.018	34.225	0.010
29.643	0.010	29.667	0.010	29.688	0.014	29.709	0.011	34.247	0.002	34.271	-0.001	34.295	-0.018	34.321	-0.006
29.729	0.011	29.763	-0.005	29.787	-0.012	29.823	-0.028	34.347	-0.014	34.370	-0.019	34.396	-0.019	34.420	-0.027
29.855	-0.040	29.883	-0.055	29.899	-0.063	29.915	-0.063	34.444	-0.039	34.471	-0.049	34.491	-0.058	34.514	-0.063
29.939	-0.055	29.961	-0.051	29.980	-0.043	29.999	-0.039	34.541	-0.060	34.564	-0.058	34.585	-0.051	34.610	-0.040
30.017	-0.059	30.045	-0.047	30.066	-0.044	30.092	-0.036	34.631	-0.030	34.657	-0.015	34.678	-0.009	34.701	-0.010
30.114	-0.037	30.141	-0.033	30.163	-0.034	30.193	-0.031	34.729	0.002	34.757	0.010	34.779	0.007	34.807	0.011
30.206	-0.023	30.226	-0.019	30.245	-0.016	30.263	-0.020	34.832	-0.011	34.858	-0.019	34.883	-0.019	34.911	-0.023
30.281	-0.024	30.304	-0.024	30.320	-0.032	30.345	-0.033	34.937	-0.031	34.966	-0.035	34.989	-0.035	35.015	-0.043
30.322	-0.041	30.380	-0.045	30.398	-0.041	30.415	-0.041	35.024	-0.023	35.045	-0.047	35.070	-0.042	35.092	-0.046
30.427	-0.033	30.450	-0.021	30.465	-0.010	30.486	-0.002	35.115	-0.026	35.134	-0.022	35.159	-0.026	35.180	-0.010
30.506	0.002	30.525	-0.002	30.547	-0.009	30.560	-0.013	35.283	0.006	35.220	0.001	35.242	0.003	35.262	0.015
30.577	-0.013	30.593	-0.005	30.615	-0.001	30.637	-0.001	35.283	0.006	35.306	0.002	35.330	0.073	35.352	0.097
30.656	-0.001	30.675	-0.009	30.694	-0.009	30.716	-0.017	35.374	0.112	35.396	0.132	35.423	0.139	35.450	0.142
30.732	-0.009	30.755	-0.005	30.772	-0.013	30.787	-0.031	35.474	0.141	35.494	0.137	35.517	0.137	35.543	0.137
30.799	-0.009	30.824	0.015	30.848	0.023	30.866	0.031	35.567	0.144	35.595	0.148	35.618	0.160	35.642	0.168
30.880	0.035	30.901	0.039	30.924	0.040	30.941	0.028	35.664	0.184	35.681	0.192	35.705	0.207	35.725	0.207
30.954	0.016	30.971	-0.008	30.988	-0.019	31.002	-0.023	35.745	0.204	35.767	0.200	35.784	0.184	35.810	0.168
31.016	-0.019	31.032	-0.022	31.047	-0.010	31.063	0.002	35.831	0.148	35.855	0.140	35.878	0.136	35.899	0.132
31.084	0.003	31.102	0.004	31.119	0.001	31.137	-0.001	35.923	0.124	35.942	0.112	35.964	0.100	35.986	0.092
31.157	0.004	31.179	-0.011	31.195	-0.010	31.213	-0.001	36.011	0.083	36.035	0.067	36.056	0.062	36.079	0.058
31.230	-0.004	31.249	0.000	31.271	0.000	31.290	0.004	36.102	0.057	36.122	0.044	36.144	0.044	36.164	0.039
31.309	-0.012	31.333	-0.028	31.351	-0.043	31.371	-0.071	36.189	0.038	36.211	0.034	36.235	0.034	36.258	0.042
31.389	-0.034	31.403	-0.071	31.425	-0.067	31.452	-0.063	36.265	0.042	36.307	0.054	36.328	0.046	36.346	0.050
31.467	-0.051	31.482	-0.059	31.497	-0.063	31.514	-0.071	36.367	0.049	36.387	0.041	36.411	0.045	36.434	0.049
31.529	-0.075	31.545	-0.075	31.563	-0.084	31.582	-0.080	36.458	0.049	36.479	0.056	36.502	0.056	36.523	0.044
31.556	-0.085	31.614	-0.089	31.635	-0.102	31.654	-0.114	36.541	0.040	36.565	0.040	36.585	0.032	36.608	0.033
31.680	-0.127	31.695	-0.132	31.716	-0.136	31.736	-0.137	36.631	0.037	36.652	0.038	36.675	0.038	36.694	0.034
31.755	-0.138	31.783	-0.131	31.823	-0.105	31.846	-0.095	36.714	0.034	36.737	0.027	36.755	0.011	36.776	0.007
31.843	-0.084	31.883	-0.064	31.903	-0.053	31.924	-0.037	36.801	0.011	36.815	0.004	36.841	-0.000	36.863	-0.004
31.944	-0.034	31.965	-0.022	31.987	-0.015	32.010	-0.011	36.882	0.004	36.908	0.000	36.930	0.001	36.948	-0.003
32.032	-0.008	32.057	0.000	32.079	0.020	32.097	0.044	36.968	-0.007	36.994	-0.011	37.023	-0.011	37.041	-0.019
32.115	0.060	32.136	0.071	32.156	0.079	32.176	0.087	37.071	-0.027	37.092	-0.023	37.114	-0.012	37.135	-0.008
32.200	0.075	32.221	0.064	32.240	0.063	32.259	0.063	37.158	-0.013	37.182	-0.017	37.205	-0.026	37.230	-0.030
32.285	0.066	32.306	0.078	32.325	0.093	32.344	0.097	37.252	-0.035	37.276	-0.048	37.304	-0.032	37.327	-0.048

37.349	-0.056	37.365	-0.063	37.387	-0.067	37.409	-0.067	42.299	-0.070	42.325	-0.071	42.352	-0.071	42.382	-0.047
37.435	-0.067	37.453	-0.071	37.478	-0.079	37.502	-0.084	42.409	-0.046	42.430	-0.042	42.455	-0.057	42.480	-0.047
37.521	-0.080	37.541	-0.080	37.564	-0.092	37.584	-0.104	42.504	-0.054	42.527	-0.060	42.549	-0.063	42.569	-0.063
37.609	-0.112	37.634	-0.104	37.656	-0.096	37.675	-0.104	42.597	-0.066	42.621	-0.074	42.647	-0.083	42.671	-0.089
37.690	-0.100	37.708	-0.100	37.731	-0.112	37.752	-0.141	42.691	-0.102	42.708	-0.111	42.729	-0.101	42.753	-0.105
37.773	-0.145	37.796	-0.149	37.817	-0.153	37.842	-0.158	42.783	-0.105	42.805	-0.057	42.833	-0.089	42.856	-0.093
37.865	-0.155	37.890	-0.160	37.917	-0.165	37.943	-0.166	42.879	-0.089	42.894	-0.081	42.908	-0.081	42.922	-0.081
37.964	-0.182	37.986	-0.179	38.010	-0.184	38.036	-0.186	42.941	-0.061	42.962	-0.065	42.980	-0.061	42.993	-0.045
38.065	-0.183	38.087	-0.180	38.112	-0.185	38.141	-0.182	43.010	-0.054	43.030	-0.054	43.052	-0.057	43.082	-0.057
38.167	-0.184	38.191	-0.181	38.216	-0.178	38.240	-0.170	43.056	-0.054	43.076	-0.054	43.098	-0.047	43.124	-0.027
38.269	-0.155	38.296	-0.144	38.316	-0.133	38.343	-0.105	43.193	-0.028	43.220	-0.033	43.246	-0.030	43.279	-0.015
38.364	-0.093	38.390	-0.069	38.413	-0.054	38.436	-0.045	43.294	-0.016	43.314	-0.017	43.333	-0.005	43.355	-0.002
38.462	-0.037	38.492	-0.033	38.511	-0.029	38.532	-0.017	43.372	-0.002	43.394	-0.002	43.420	-0.003	43.440	-0.003
38.556	-0.017	38.579	-0.010	38.605	-0.010	38.626	-0.007	43.465	-0.003	43.489	-0.003	43.510	-0.002	43.531	-0.014
38.649	-0.011	38.673	-0.008	38.692	-0.016	38.712	-0.021	43.552	-0.006	43.572	-0.002	43.588	-0.001	43.611	-0.000
38.733	-0.033	38.757	-0.042	38.780	-0.050	38.803	-0.051	43.628	-0.008	43.646	-0.012	43.672	-0.013	43.699	-0.010
38.824	-0.052	38.847	-0.056	38.865	-0.061	38.889	-0.061	43.738	-0.010	43.771	-0.009	43.804	-0.005	43.836	-0.004
38.909	-0.078	38.927	-0.070	38.946	-0.078	38.967	-0.078	43.860	-0.007	43.879	-0.015	43.899	-0.011	43.918	-0.031
38.990	-0.078	39.011	-0.077	39.031	-0.057	39.052	-0.053	43.929	-0.043	43.951	-0.028	43.975	-0.023	43.998	-0.019
39.071	-0.044	39.090	-0.040	39.112	-0.036	39.130	-0.027	44.017	-0.024	44.037	-0.028	44.062	-0.021	44.084	-0.006
39.149	-0.019	39.170	-0.015	39.187	-0.011	39.206	-0.003	44.164	-0.007	44.125	-0.003	44.150	-0.008	44.166	-0.004
39.222	-0.012	39.241	-0.016	39.260	-0.024	39.279	-0.024	44.186	-0.004	44.217	-0.008	44.236	-0.003	44.257	-0.001
39.298	-0.028	39.319	-0.027	39.338	-0.035	39.355	-0.035	44.271	-0.003	44.284	-0.015	44.293	-0.019	44.306	-0.003
39.376	-0.039	39.400	-0.035	39.423	-0.043	39.444	-0.047	44.321	-0.010	44.335	-0.010	44.368	-0.007	44.389	-0.012
39.461	-0.051	39.479	-0.066	39.500	-0.062	39.520	-0.058	44.404	-0.024	44.422	-0.021	44.441	-0.018	44.470	-0.022
39.542	-0.066	39.563	-0.065	39.585	-0.077	39.605	-0.089	44.455	-0.030	44.519	-0.030	44.544	-0.026	44.572	-0.026
39.624	-0.057	39.645	-0.100	39.666	-0.096	39.682	-0.088	44.554	-0.023	44.568	-0.020	44.621	-0.024	44.632	-0.033
39.704	-0.072	39.724	-0.072	39.744	-0.085	39.762	-0.069	44.647	-0.041	44.676	-0.023	44.703	-0.016	44.718	-0.003
39.782	-0.069	39.806	-0.076	39.833	-0.088	39.852	-0.112	44.744	-0.018	44.767	-0.030	44.783	-0.042	44.798	-0.042
39.869	-0.120	39.893	-0.127	39.911	-0.131	39.932	-0.138	44.818	-0.018	44.835	-0.018	44.856	-0.026	44.870	-0.042
39.954	-0.134	39.976	-0.133	39.995	-0.133	40.014	-0.133	44.889	-0.058	44.914	-0.043	44.935	-0.051	44.945	-0.059
40.033	-0.137	40.057	-0.130	40.079	-0.126	40.101	-0.135	44.965	-0.067	44.988	-0.048	45.007	-0.055	45.026	-0.063
40.124	-0.132	40.153	-0.130	40.174	-0.122	40.194	-0.130	45.047	-0.059	45.081	-0.063	45.097	-0.071	45.116	-0.056
40.212	-0.130	40.234	-0.130	40.254	-0.130	40.272	-0.130	45.140	-0.067	45.156	-0.059	45.185	-0.060	45.211	-0.056
40.292	-0.121	40.313	-0.121	40.333	-0.117	40.353	-0.110	45.224	-0.037	45.264	-0.037	45.264	-0.038	45.288	-0.035
40.374	-0.102	40.398	-0.114	40.417	-0.114	40.438	-0.113	45.306	-0.059	45.329	-0.027	45.346	-0.010	45.367	-0.006
40.459	-0.121	40.483	-0.116	40.506	-0.116	40.526	-0.116	45.379	-0.002	45.401	-0.006	45.419	-0.007	45.440	-0.013
40.545	-0.116	40.569	-0.116	40.590	-0.121	40.610	-0.125	45.455	-0.018	45.477	-0.019	45.499	-0.021	45.511	-0.022
40.633	-0.125	40.655	-0.116	40.676	-0.111	40.697	-0.103	45.531	-0.023	45.555	-0.020	45.579	-0.009	45.599	-0.002
40.716	-0.106	40.740	-0.098	40.761	-0.094	40.784	-0.094	45.612	-0.016	45.630	-0.026	45.646	-0.033	45.671	-0.013
40.855	-0.091	40.835	-0.055	40.857	-0.084	40.878	-0.080	45.656	-0.009	45.717	-0.003	45.734	-0.028	45.761	-0.028
40.900	-0.072	40.921	-0.064	40.944	-0.048	40.965	-0.044	45.791	-0.020	45.822	-0.031	45.840	-0.030	45.861	-0.041
40.987	-0.040	41.012	-0.036	41.034	-0.041	41.057	-0.029	45.854	-0.040	45.922	-0.039	45.939	-0.054	45.962	-0.065
41.076	-0.034	41.096	-0.027	41.118	-0.016	41.138	-0.020	45.989	-0.068	46.011	-0.064	46.034	-0.067	46.058	-0.055
41.159	-0.004	41.180	-0.004	41.198	-0.004	41.217	-0.008	46.081	-0.043	46.109	-0.031	46.139	-0.031	46.162	-0.027
41.235	-0.016	41.256	-0.021	41.275	-0.034	41.296	-0.034	46.182	-0.003	46.207	-0.008	46.221	-0.012	46.238	-0.016
41.317	-0.035	41.338	-0.035	41.359	-0.040	41.380	-0.044	46.262	-0.028	46.277	-0.044	46.299	-0.044	46.325	-0.048
41.400	-0.037	41.416	-0.041	41.435	-0.041	41.459	-0.041	46.350	-0.044	46.367	-0.048	46.393	-0.049	46.412	-0.065
41.483	-0.041	41.502	-0.041	41.525	-0.045	41.551	-0.047	46.438	-0.061	46.465	-0.061	46.482	-0.076	46.505	-0.084
41.579	-0.050	41.606	-0.054	41.628	-0.059	41.652	-0.067	46.526	-0.064	46.549	-0.051	46.573	-0.039	46.588	-0.066
41.673	-0.072	41.698	-0.081	41.725	-0.078	41.750	-0.091	46.615	-0.073	46.634	-0.065	46.652	-0.088	46.681	-0.065
41.779	-0.095	41.808	-0.100	41.837	-0.104	41.863	-0.105	46.723	-0.055	46.745	-0.044	46.786	-0.040	46.820	-0.044
41.891	-0.109	41.919	-0.109	41.946	-0.110	41.971	-0.103	46.840	-0.040	46.870	-0.032	46.898	-0.031	46.925	-0.018
41.995	-0.103	42.020	-0.111	42.044	-0.107	42.071	-0.107	46.953	-0.025	46.976	-0.013	47.009	-0.008	47.033	-0.008
42.055	-0.055	42.124	-0.087	42.151	-0.079	42.175	-0.076	47.053	-0.007	47.072	-0.002	47.097	-0.001	47.121	-0.012
42.206	-0.070	42.232	-0.071	42.254	-0.072	42.279	-0.073	47.141	-0.019	47.164	-0.022	47.182	-0.029	47.209	-0.035



47.237	-0.014	47.266	0.002	47.286	0.009	47.311	0.012
47.327	0.024	47.354	-0.001	47.378	-0.009	47.399	-0.002
47.432	-0.007	47.447	-0.020	47.470	-0.025	47.499	-0.025
47.531	-0.018	47.545	-0.026	47.570	-0.023	47.598	-0.040
47.618	-0.046	47.642	-0.047	47.670	-0.049	47.701	-0.039
47.727	-0.048	47.753	-0.032	47.778	-0.037	47.804	-0.049
47.842	-0.047	47.870	-0.066	47.901	-0.072	47.922	-0.067
47.952	-0.087	47.975	-0.059	48.008	-0.067	48.043	-0.051
48.072	-0.060	48.102	-0.053	48.127	-0.053	48.162	-0.053
48.196	-0.041	48.220	-0.045	48.245	-0.037	48.273	-0.037
48.290	-0.021	48.317	-0.025	48.347	-0.021	48.388	-0.014
48.425	-0.022	48.458	-0.026	48.493	-0.010	48.520	-0.032
48.544	-0.015	48.569	-0.013	48.599	0.009	48.629	0.011
48.664	0.017	48.701	0.016	48.737	0.010	48.773	-0.002
48.804	0.010	48.840	-0.007	48.881	-0.014	48.905	-0.014
48.930	-0.017	48.960	-0.017	48.979	-0.009	49.008	-0.009
49.022	-0.008	49.043	-0.040	49.072	-0.036	49.092	-0.052
49.111	-0.053	49.133	-0.039	49.161	-0.033	49.187	-0.039
49.220	-0.041	49.250	-0.039	49.282	-0.029	49.317	-0.030
49.343	-0.027	49.365	-0.035	49.400	-0.027	49.433	-0.039
49.456	-0.043	49.490	-0.043	49.529	-0.035	49.547	-0.027
49.577	-0.032	49.602	-0.048	49.629	-0.064	49.653	-0.072
49.682	-0.060	49.702	-0.017	49.716	-0.017	49.755	-0.008
49.782	0.000	49.804	0.001	49.824	0.013	49.850	0.014
49.875	0.010	49.896	0.003	49.911	-0.004	49.929	-0.004
49.947	0.009	49.965	0.009	49.993	0.014	50.023	0.009
50.049	0.029	50.084	0.008	50.124	-0.005	50.161	-0.019
50.194	-0.028	50.223	-0.028	50.255	-0.021	50.288	-0.030
50.322	-0.031	50.359	-0.031	50.402	-0.048	50.429	-0.052
50.473	-0.045	50.515	-0.049	50.556	-0.049	50.572	-0.049
50.590	-0.057	50.612	-0.058	50.635	-0.044	50.651	-0.029
50.672	-0.026	50.687	-0.022	50.708	-0.023	50.735	-0.008
50.763	-0.010	50.787	-0.013	50.810	-0.017	50.831	-0.028
50.855	-0.031	50.875	-0.026	50.903	-0.021	50.935	-0.020
50.962	0.001	50.978	0.034	51.008	0.007	51.038	0.008
51.068	0.017	51.089	0.010	51.102	-0.005	51.118	-0.024
51.138	-0.031	51.160	-0.012	51.186	0.007	51.215	0.025
51.242	0.028	51.270	0.010	51.304	-0.025	51.351	-0.038
51.375	-0.043	51.409	-0.044	51.429	-0.044	51.455	-0.036
51.477	-0.035	51.512	-0.041	51.535	-0.040	51.560	-0.035
51.583	-0.050	51.604	-0.042	51.626	-0.046	51.659	-0.046
51.692	-0.050	51.729	-0.047	51.764	-0.040	51.811	-0.077
51.874	-0.058	51.921	-0.058	51.965	-0.050	51.987	-0.037
52.018	-0.053	52.051	-0.040	52.071	-0.048	52.097	-0.051
52.120	-0.047	52.145	-0.046	52.173	-0.038	52.198	-0.045
52.234	-0.045	52.261	-0.051	52.291	-0.034	52.326	-0.039
52.382	-0.032	52.410	-0.023	52.436	-0.018	52.467	-0.020
52.512	-0.023	52.557	-0.019	52.603	-0.023	52.630	-0.025
52.657	-0.026	52.688	-0.036	52.716	-0.017	52.742	-0.018
52.773	-0.019	52.798	-0.018	52.818	-0.018	52.844	-0.017
52.873	-0.018	52.896	-0.023	52.919	-0.015	52.948	-0.020
52.974	-0.025	53.000	-0.014	53.026	-0.007	53.053	-0.013
53.078	-0.011	53.111	-0.007	53.135	-0.007	53.158	-0.004
53.182	-0.004	53.205	-0.003	53.220	-0.015	53.238	-0.023
53.261	-0.019	53.287	-0.038	53.298	-0.030	53.325	-0.034

IN196

71L141 2/9/71 0600PST LONG BEACH STATE COLLEGE GD. LEVEL S14W

2245 POINTS 53.326 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED  
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0884 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.011	0.017	0.016	0.046	0.033	0.066	0.033	3.428	-0.050	3.447	-0.078	3.468	0.164	3.447	-0.078	3.468	0.164
0.087	0.017	0.103	0.005	0.129	-0.003	0.152	0.009	3.508	0.295	3.527	0.347	3.548	0.284	3.527	0.347	3.548	0.284
0.178	0.018	0.205	0.034	0.227	0.042	0.249	0.042	3.589	0.208	3.608	0.169	3.626	-0.061	3.608	0.169	3.626	-0.061
0.266	0.038	0.287	0.046	0.309	0.051	0.326	0.051	3.662	-0.109	3.687	-0.121	3.707	-0.109	3.687	-0.121	3.707	-0.109
0.343	0.055	0.370	0.056	0.394	0.056	0.413	0.013	3.662	0.026	3.777	-0.026	3.795	-0.105	3.777	-0.026	3.795	-0.105
0.434	-0.019	0.453	-0.003	0.473	0.010	0.497	0.022	3.837	-0.161	3.859	-0.054	3.883	-0.014	3.859	-0.054	3.883	-0.014
0.517	0.026	0.532	0.046	0.547	0.074	0.567	0.074	3.913	0.128	3.938	0.152	3.959	0.140	3.938	0.152	3.959	0.140
0.586	0.075	0.603	0.087	0.613	0.091	0.636	0.047	3.934	0.041	4.012	0.113	4.030	0.169	4.012	0.113	4.030	0.169
0.676	-0.040	0.676	-0.040	0.700	0.024	0.722	0.064	4.178	0.212	4.206	0.025	4.226	-0.112	4.206	0.025	4.226	-0.112
0.746	0.100	0.768	0.061	0.789	0.037	0.808	0.017	4.178	0.066	4.206	-0.025	4.226	-0.112	4.206	-0.025	4.226	-0.112
0.833	0.037	0.850	0.037	0.872	0.022	0.897	0.030	4.219	-0.250	4.303	-0.158	4.329	-0.099	4.303	-0.158	4.329	-0.099
0.921	0.038	0.942	0.034	0.959	0.034	0.980	0.042	4.337	0.029	4.405	0.105	4.418	0.121	4.405	0.105	4.418	0.121
1.004	0.057	1.024	0.057	1.042	0.049	1.061	0.041	4.374	0.347	4.502	0.335	4.527	0.323	4.502	0.335	4.527	0.323
1.089	0.037	1.109	0.060	1.122	0.072	1.138	0.092	4.515	0.331	4.606	0.232	4.625	0.113	4.606	0.232	4.625	0.113
1.160	0.060	1.176	0.048	1.194	0.040	1.212	0.031	4.612	-0.090	4.758	-0.130	4.842	-0.019	4.758	-0.130	4.842	-0.019
1.229	0.035	1.253	0.059	1.274	0.070	1.291	0.054	4.716	-0.202	4.878	-0.044	4.910	-0.011	4.878	-0.044	4.910	-0.011
1.319	0.022	1.337	-0.066	1.359	-0.030	1.375	-0.035	4.862	0.088	4.956	0.003	5.005	0.117	4.956	0.003	5.005	0.117
1.398	0.051	1.417	-0.055	1.430	-0.055	1.452	-0.004	4.956	-0.003	5.078	0.073	5.111	-0.053	5.078	0.073	5.111	-0.053
1.473	0.027	1.495	0.035	1.519	0.039	1.539	0.035	5.057	0.065	5.164	0.046	5.214	0.134	5.164	0.046	5.214	0.134
1.562	0.007	1.575	-0.029	1.595	-0.057	1.615	-0.109	5.164	0.046	5.214	0.134	5.266	0.114	5.214	0.134	5.266	0.114
1.636	0.165	1.661	-0.153	1.686	-0.134	1.707	-0.106	5.282	0.054	5.416	-0.048	5.539	0.142	5.416	-0.048	5.539	0.142
1.726	-0.015	1.752	0.084	1.775	0.135	1.805	0.178	5.318	0.044								

7.460	0.192	7.482	0.216	7.511	0.125	7.540	-0.050	12.722	0.074	12.741	0.042	12.764	0.002	12.780	-0.042
7.571	-0.145	7.592	-0.145	7.623	-0.129	7.653	-0.156	12.801	-0.074	12.819	-0.042	12.839	-0.002	12.861	-0.040
7.681	-0.164	7.706	-0.160	7.736	-0.093	7.767	-0.002	12.880	-0.284	12.902	-0.288	12.921	-0.280	12.942	-0.237
7.773	0.070	7.793	0.110	7.819	0.038	7.847	0.002	12.962	-0.185	12.983	-0.133	13.005	-0.074	13.022	-0.006
7.879	0.034	7.897	0.062	7.921	0.097	7.948	0.157	13.050	0.034	13.066	-0.013	13.086	-0.013	13.107	-0.077
7.980	0.200	7.999	0.208	8.032	0.112	8.057	0.013	13.133	-0.124	13.154	-0.124	13.174	-0.124	13.195	-0.120
8.082	-0.067	8.110	-0.015	8.140	0.100	8.182	0.119	13.224	0.076	13.245	-0.045	13.277	0.003	13.298	0.002
8.215	0.103	8.247	0.083	8.274	0.130	8.300	0.162	13.319	0.002	13.342	0.006	13.370	0.006	13.398	0.033
8.328	0.134	8.354	0.122	8.379	0.173	8.402	0.217	13.429	0.045	13.460	0.064	13.482	0.064	13.512	0.088
8.426	0.145	8.454	0.006	8.477	-0.050	8.496	-0.081	13.543	0.107	13.573	0.118	13.592	0.106	13.620	0.066
8.535	-0.054	8.562	-0.042	8.594	-0.086	8.627	-0.142	13.644	0.041	13.664	0.009	13.689	-0.003	13.715	0.020
8.651	-0.090	8.675	-0.047	8.704	-0.055	8.737	-0.063	13.733	0.048	13.759	0.063	13.779	0.119	13.799	0.118
8.765	-0.004	8.789	0.075	8.807	0.130	8.831	0.261	13.822	0.110	13.845	0.102	13.871	0.093	13.895	0.057
8.858	0.356	8.883	0.344	8.914	0.328	8.939	0.252	13.920	0.017	13.935	-0.003	13.961	-0.019	13.980	-0.007
8.967	0.169	8.990	0.066	9.009	0.086	9.028	0.074	14.015	0.025	14.052	0.045	14.076	0.044	14.096	0.044
9.064	-0.045	9.087	-0.120	9.123	-0.092	9.169	-0.095	14.113	0.005	14.134	0.024	14.166	0.040	14.178	0.044
9.212	-0.055	9.212	-0.090	9.236	-0.054	9.272	-0.049	14.159	0.008	14.217	-0.012	14.241	-0.020	14.261	0.008
9.307	-0.040	9.337	0.012	9.368	0.120	9.393	0.216	14.281	0.040	14.303	0.056	14.329	0.044	14.358	0.020
9.417	0.264	9.444	0.208	9.471	0.161	9.517	0.113	14.384	-0.008	14.402	-0.031	14.430	-0.067	14.444	-0.067
9.553	0.133	9.579	0.053	9.609	-0.054	9.630	-0.098	14.457	-0.067	14.486	-0.036	14.511	-0.020	14.543	0.032
9.655	0.005	9.676	0.052	9.702	0.155	9.740	0.170	14.567	0.004	14.597	-0.031	14.615	-0.067	14.642	-0.087
9.773	0.173	9.798	0.180	9.821	0.176	9.857	0.111	14.663	-0.055	14.686	-0.055	14.702	-0.095	14.723	-0.095
9.880	0.067	9.904	0.011	9.925	-0.013	9.960	0.034	14.754	-0.015	14.784	-0.055	14.806	-0.004	14.832	0.036
9.988	0.086	10.012	0.070	10.042	0.062	10.083	0.054	14.863	0.056	14.881	0.040	14.912	0.036	14.940	0.080
10.110	0.073	10.144	0.105	10.170	0.065	10.196	0.033	14.963	0.119	14.988	0.155	15.016	0.163	15.045	0.175
10.233	-0.003	10.267	-0.031	10.295	-0.043	10.312	-0.043	15.068	0.167	15.092	0.111	15.115	0.064	15.136	0.056
10.333	0.041	10.358	0.108	10.374	0.160	10.395	0.183	15.162	0.119	15.189	0.151	15.210	0.175	15.241	0.187
10.420	0.127	10.444	0.078	10.468	0.029	10.496	0.048	15.214	0.171	15.254	0.147	15.316	0.131	15.341	0.127
10.522	0.063	10.547	0.026	10.576	-0.003	10.605	-0.023	15.354	0.127	15.370	0.127	15.392	0.111	15.411	0.076
10.629	-0.027	10.631	-0.027	10.641	-0.027	10.648	-0.019	15.441	0.024	15.461	-0.016	15.485	-0.031	15.510	-0.031
10.657	-0.051	10.665	-0.051	10.686	-0.046	10.703	-0.046	15.541	-0.016	15.571	-0.008	15.607	0.000	15.627	-0.008
10.727	-0.002	10.748	0.038	10.769	0.050	10.791	0.058	15.652	-0.016	15.674	-0.016	15.696	-0.027	15.720	-0.047
10.809	0.058	10.828	0.043	10.842	0.011	10.859	-0.044	15.743	-0.079	15.767	-0.119	15.787	-0.151	15.812	-0.151
10.872	-0.068	10.889	-0.076	10.913	-0.059	10.938	-0.035	15.820	-0.151	15.844	-0.099	15.867	-0.040	15.880	-0.000
10.959	-0.023	10.983	-0.023	11.002	-0.023	11.021	-0.023	15.899	0.043	15.918	0.075	15.945	0.079	15.968	0.055
11.042	-0.039	11.058	-0.067	11.073	-0.083	11.094	-0.091	15.956	0.003	16.015	-0.041	16.041	-0.061	16.064	-0.085
11.117	-0.087	11.142	-0.063	11.165	-0.039	11.189	-0.020	16.091	-0.097	16.117	-0.109	16.140	-0.113	16.167	-0.129
11.214	-0.020	11.231	-0.027	11.252	-0.039	11.276	-0.059	16.189	-0.134	16.219	-0.142	16.243	-0.090	16.270	-0.011
11.291	-0.083	11.308	-0.107	11.326	-0.115	11.343	-0.099	16.258	0.064	16.315	0.104	16.349	0.128	16.378	0.143
11.363	-0.043	11.382	0.004	11.399	0.064	11.414	0.115	16.406	0.147	16.434	0.115	16.457	0.087	16.481	0.055
11.433	0.143	11.446	0.143	11.458	0.143	11.478	0.135	16.502	0.027	16.521	0.003	16.544	0.003	16.565	0.007
11.501	0.127	11.521	0.080	11.531	0.028	11.546	-0.043	16.583	0.007	16.600	0.003	16.622	0.002	16.647	-0.038
11.559	-0.099	11.575	-0.115	11.589	-0.103	11.611	-0.039	16.674	-0.070	16.690	-0.115	16.709	-0.114	16.728	-0.130
11.627	0.004	11.645	0.024	11.670	0.028	11.693	0.012	16.751	-0.131	16.771	-0.111	16.790	-0.084	16.827	-0.060
11.719	0.008	11.739	0.004	11.759	0.008	11.776	-0.048	16.854	-0.077	16.876	-0.089	16.894	-0.101	16.918	-0.101
11.800	-0.084	11.816	-0.080	11.834	-0.072	11.865	-0.061	16.940	-0.062	16.961	-0.014	16.980	0.010	16.999	0.021
11.865	-0.065	11.911	-0.077	11.933	-0.030	11.952	0.010	17.022	0.005	17.047	-0.007	17.065	0.009	17.094	0.040
11.971	0.053	11.989	0.092	12.015	0.127	12.037	0.095	17.130	0.076	17.160	0.016	17.188	-0.043	17.213	-0.087
12.058	0.011	12.075	-0.041	12.094	-0.101	12.116	-0.090	17.239	-0.123	17.260	-0.119	17.284	-0.091	17.313	0.000
12.140	-0.070	12.166	-0.051	12.181	-0.091	12.202	-0.120	17.337	0.056	17.356	0.072	17.384	0.064	17.421	0.016
12.221	-0.140	12.238	-0.132	12.260	-0.129	12.276	-0.137	17.440	-0.035	17.474	-0.075	17.501	-0.075	17.524	-0.075
12.255	-0.170	12.314	-0.190	12.333	-0.190	12.349	-0.191	17.548	-0.047	17.577	-0.031	17.603	-0.027	17.628	-0.022
12.371	-0.175	12.391	-0.116	12.417	-0.073	12.434	-0.022	17.647	-0.003	17.672	0.009	17.694	0.014	17.716	0.014
12.454	0.045	12.475	0.112	12.491	0.176	12.515	0.227	17.732	0.014	17.757	0.010	17.781	-0.002	17.803	-0.049
12.537	0.239	12.554	0.222	12.578	0.210	12.607	0.214	17.828	-0.085	17.858	-0.141	17.887	-0.133	17.913	-0.097
12.630	0.190	12.655	0.145	12.675	0.114	12.698	0.098	17.935	-0.073	17.958	-0.066	17.981	-0.066	18.007	-0.078

18.031	-0.058	18.056	-0.070	18.082	-0.074	18.108	-0.098	23.638	-0.084	23.662	-0.049	23.686	-0.017	23.708	0.010
18.133	-0.114	18.153	-0.126	18.176	-0.121	18.193	-0.106	23.731	0.038	23.750	0.033	23.773	0.021	23.798	0.001
18.215	-0.105	18.238	-0.113	18.260	-0.113	18.283	-0.113	23.819	-0.026	23.845	-0.046	23.868	-0.058	23.894	-0.051
18.300	-0.105	18.318	-0.113	18.344	-0.113	18.371	-0.105	23.917	-0.052	23.935	-0.021	23.964	0.010	23.985	0.036
18.412	-0.061	18.437	-0.041	18.464	-0.033	18.492	-0.041	24.006	0.040	24.034	0.024	24.057	-0.000	24.078	-0.036
18.510	-0.048	18.535	-0.048	18.563	-0.032	18.605	-0.040	24.100	-0.072	24.121	-0.103	24.147	-0.130	24.172	-0.121
18.630	-0.051	18.669	-0.047	18.707	-0.052	18.735	-0.044	24.155	-0.119	24.227	-0.118	24.255	-0.125	24.281	-0.157
18.769	-0.024	18.795	-0.001	18.828	-0.015	18.855	0.015	24.307	-0.173	24.333	-0.185	24.354	-0.190	24.377	-0.187
18.879	0.014	18.908	0.062	18.940	0.077	18.960	0.101	24.398	-0.172	24.416	-0.149	24.440	-0.154	24.464	-0.143
18.987	0.119	19.019	0.120	19.045	0.116	19.074	0.100	24.486	-0.131	24.511	-0.119	24.532	-0.092	24.557	-0.092
19.109	0.036	19.134	-0.036	19.168	-0.084	19.206	-0.057	24.579	-0.089	24.605	-0.106	24.628	-0.114	24.657	-0.109
19.239	-0.057	19.265	-0.085	19.294	-0.078	19.325	-0.062	24.681	-0.039	24.705	-0.077	24.731	-0.054	24.756	-0.034
19.363	-0.043	19.382	-0.055	19.411	-0.083	19.440	-0.119	24.780	-0.012	24.801	-0.009	24.825	-0.026	24.848	-0.032
19.465	-0.104	19.501	-0.076	19.535	-0.053	19.568	-0.041	24.869	-0.021	24.893	-0.006	24.914	-0.003	24.937	0.001
19.599	0.006	19.628	0.033	19.654	0.037	19.680	0.033	24.960	-0.004	24.987	-0.024	25.005	-0.040	25.033	0.048
19.700	0.005	19.728	0.001	19.763	0.016	19.787	0.044	25.059	-0.088	25.083	-0.100	25.100	-0.108	25.125	-0.108
19.805	0.088	19.832	0.099	19.857	0.119	19.880	0.150	25.150	-0.075	25.177	-0.052	25.201	-0.087	25.230	-0.087
19.902	0.178	19.918	0.186	19.950	0.162	19.978	0.122	25.251	-0.075	25.277	-0.059	25.298	-0.064	25.322	-0.064
20.003	0.058	20.021	0.077	20.044	0.049	20.070	0.033	25.349	-0.075	25.373	-0.067	25.395	-0.067	25.418	-0.070
20.088	0.037	20.116	0.025	20.143	-0.003	20.170	-0.035	25.440	-0.086	25.466	-0.057	25.493	-0.117	25.521	-0.121
20.199	-0.056	20.232	-0.076	20.266	-0.052	20.295	-0.033	25.543	-0.113	25.566	-0.101	25.588	-0.082	25.613	-0.054
20.318	0.014	20.345	0.046	20.369	0.069	20.395	0.089	25.638	-0.018	25.658	0.005	25.684	0.033	25.709	0.060
20.426	0.081	20.455	0.081	20.482	0.097	20.513	0.105	25.728	0.034	25.749	0.055	25.769	0.107	25.789	0.114
20.534	0.105	20.565	0.085	20.596	0.077	20.631	0.065	25.808	0.098	25.828	0.054	25.845	0.074	25.866	0.038
20.656	0.057	20.679	0.042	20.712	0.034	20.742	0.023	25.867	0.015	25.908	-0.025	25.930	-0.045	25.952	-0.053
20.767	0.023	20.790	0.023	20.815	0.024	20.841	0.064	25.973	-0.085	25.996	-0.073	26.020	-0.065	26.043	-0.061
20.870	0.088	20.899	0.096	20.920	0.084	20.945	0.048	26.067	-0.042	26.094	-0.030	26.115	-0.030	26.143	-0.015
20.977	0.028	20.998	0.020	21.024	0.036	21.048	0.064	26.163	-0.007	26.187	0.004	26.211	-0.008	26.232	-0.001
21.072	0.072	21.088	0.064	21.101	0.088	21.115	0.084	26.254	0.006	26.276	0.017	26.298	0.037	26.319	0.060
21.126	0.080	21.146	0.061	21.164	0.025	21.184	0.010	26.342	0.006	26.361	0.123	26.380	0.142	26.403	0.170
21.207	0.010	21.233	0.022	21.254	0.030	21.272	0.038	26.427	0.181	26.449	0.193	26.470	0.201	26.493	0.204
21.292	0.017	21.312	-0.007	21.333	-0.015	21.354	-0.015	26.511	0.208	26.531	0.192	26.552	0.185	26.572	0.177
21.374	-0.032	21.392	-0.032	21.410	-0.061	21.426	-0.082	26.554	0.166	26.618	0.151	26.642	0.136	26.664	0.104
21.445	-0.114	21.465	-0.119	21.481	-0.124	21.497	-0.100	26.685	0.077	26.710	0.057	26.733	0.038	26.757	0.038
21.515	-0.077	21.532	-0.058	21.553	-0.043	21.571	-0.028	26.780	0.031	26.806	0.035	26.831	0.031	26.852	0.015
21.591	-0.029	21.615	-0.026	21.636	-0.031	21.659	-0.028	26.873	0.011	26.894	0.007	26.917	0.011	26.941	-0.001
21.681	-0.031	21.703	0.000	21.722	0.000	21.742	0.008	26.960	0.004	26.981	-0.014	27.000	-0.019	27.018	-0.014
21.762	0.008	21.791	0.008	21.815	0.001	21.839	0.006	27.036	-0.006	27.058	-0.010	27.080	-0.001	27.100	0.007
21.862	-0.006	21.885	-0.009	21.909	0.015	21.929	0.035	27.121	0.011	27.141	0.019	27.161	0.023	27.182	0.035
21.951	0.059	21.972	0.086	21.992	0.070	22.013	0.058	27.201	0.043	27.222	0.054	27.242	0.058	27.261	0.062
22.034	0.042	22.058	0.021	22.081	-0.003	22.105	-0.008	27.281	0.081	27.301	0.081	27.320	0.084	27.340	0.096
22.128	-0.021	22.152	-0.034	22.174	-0.030	22.199	-0.030	27.361	0.116	27.380	0.107	27.395	0.103	27.422	0.103
22.220	-0.043	22.247	-0.047	22.272	-0.055	22.299	-0.064	27.443	0.119	27.467	0.111	27.490	0.119	27.509	0.100
22.326	-0.060	22.352	-0.056	22.375	-0.048	22.403	-0.045	27.529	0.052	27.550	0.055	27.567	0.073	27.587	0.051
22.430	-0.030	22.454	-0.019	22.477	-0.023	22.499	-0.016	27.607	0.036	27.623	0.017	27.644	0.006	27.661	-0.000
22.526	-0.017	22.551	-0.002	22.577	-0.003	22.600	0.016	27.682	-0.027	27.704	-0.039	27.724	-0.043	27.744	-0.063
22.626	0.011	22.650	0.038	22.675	0.052	22.702	0.063	27.764	-0.079	27.783	-0.055	27.800	-0.115	27.823	-0.128
22.724	0.090	22.748	0.101	22.771	0.093	22.794	0.092	27.844	-0.132	27.862	-0.157	27.884	-0.162	27.905	-0.170
22.818	0.087	22.843	0.103	22.869	0.110	22.893	0.130	27.929	-0.178	27.954	-0.177	27.976	-0.177	28.004	-0.184
22.924	0.149	22.945	0.149	22.966	0.129	22.989	0.101	28.024	-0.171	28.048	-0.171	28.068	-0.162	28.093	-0.146
23.014	0.077	23.033	0.049	23.057	0.025	23.083	0.001	28.115	-0.141	28.137	-0.133	28.159	-0.129	28.178	-0.125
23.113	-0.023	23.139	-0.035	23.165	-0.055	23.188	-0.075	28.202	-0.118	28.220	-0.118	28.240	-0.111	28.259	-0.099
23.210	-0.039	23.237	-0.122	23.261	-0.126	23.290	-0.134	28.278	-0.096	28.297	-0.084	28.316	-0.074	28.334	-0.053
23.316	-0.145	23.339	-0.145	23.367	-0.145	23.392	-0.129	28.354	-0.052	28.376	-0.054	28.398	-0.054	28.418	-0.057
23.414	-0.109	23.440	-0.101	23.471	-0.110	23.501	-0.102	28.433	-0.057	28.451	-0.076	28.472	-0.087	28.494	-0.102
23.531	-0.103	23.559	-0.100	23.589	-0.097	23.613	-0.094	28.514	-0.110	28.534	-0.105	28.552	-0.113	28.570	-0.104

28.591	-0.092	28.612	-0.069	28.634	-0.053	28.652	-0.046	33.050	-0.170	33.066	-0.170	33.087	-0.170	33.104	-0.174
28.677	-0.026	28.702	-0.010	28.724	-0.010	28.745	-0.010	33.123	-0.175	33.155	-0.160	33.179	-0.141	33.201	-0.134
28.770	-0.013	28.790	-0.021	28.812	-0.020	28.836	-0.024	33.223	-0.119	33.246	-0.108	33.267	-0.052	33.287	-0.077
28.859	-0.032	28.877	-0.012	28.901	-0.004	28.920	-0.016	33.307	-0.065	33.324	-0.045	33.342	-0.046	33.365	-0.046
28.945	-0.038	28.964	-0.055	28.990	-0.068	29.012	-0.093	33.383	-0.054	33.402	-0.070	33.426	-0.070	33.452	-0.070
29.035	-0.099	29.057	-0.112	29.078	-0.113	29.098	-0.110	33.471	-0.063	33.492	-0.063	33.504	-0.047	33.521	-0.043
29.115	-0.103	29.133	-0.080	29.150	-0.064	29.168	-0.053	33.543	-0.008	33.566	-0.012	33.577	-0.007	33.590	-0.011
29.191	-0.034	29.211	-0.034	29.233	-0.030	29.258	-0.034	33.602	-0.011	33.614	-0.011	33.632	-0.023	33.646	-0.055
29.280	-0.030	29.299	-0.026	29.323	-0.029	29.341	-0.037	33.663	-0.063	33.681	-0.012	33.696	-0.088	33.716	-0.065
29.367	-0.044	29.390	-0.039	29.414	-0.030	29.436	-0.009	33.746	-0.042	33.775	-0.016	33.796	-0.009	33.823	-0.009
29.457	-0.005	29.478	-0.005	29.500	-0.003	29.520	-0.015	33.851	-0.022	33.875	-0.016	33.904	-0.013	33.924	-0.012
29.541	-0.023	29.562	-0.039	29.582	-0.047	29.602	-0.047	33.939	-0.027	33.963	-0.038	33.980	-0.053	33.992	-0.068
29.624	-0.043	29.644	-0.044	29.664	-0.032	29.687	-0.025	34.010	-0.048	34.033	-0.047	34.051	-0.047	34.071	-0.055
29.706	-0.013	29.729	-0.003	29.751	-0.011	29.772	-0.007	34.082	-0.051	34.095	-0.051	34.112	-0.055	34.125	-0.107
29.794	-0.019	29.816	-0.020	29.839	-0.017	29.865	-0.018	34.149	-0.107	34.176	-0.107	34.203	-0.079	34.228	-0.095
29.868	-0.005	29.885	-0.009	29.907	-0.011	29.928	-0.007	34.242	-0.091	34.265	-0.059	34.288	-0.055	34.305	-0.032
30.043	-0.000	30.062	-0.004	30.084	-0.008	30.104	-0.004	34.332	-0.028	34.376	-0.036	34.403	-0.045	34.421	-0.065
30.122	-0.004	30.148	-0.000	30.167	-0.012	30.188	-0.028	34.433	-0.081	34.447	-0.053	34.468	-0.086	34.488	-0.081
30.206	-0.028	30.225	-0.056	30.242	-0.064	30.263	-0.080	34.508	-0.073	34.524	-0.057	34.538	-0.073	34.557	-0.092
30.282	-0.032	30.300	-0.104	30.320	-0.111	30.337	-0.111	34.585	-0.096	34.609	-0.055	34.628	-0.094	34.643	-0.094
30.355	-0.115	30.375	-0.108	30.395	-0.104	30.415	-0.108	34.659	-0.097	34.681	-0.069	34.701	-0.060	34.714	-0.040
30.431	-0.115	30.448	-0.111	30.466	-0.115	30.484	-0.111	34.729	-0.011	34.754	-0.010	34.775	-0.045	34.798	-0.056
30.502	-0.104	30.525	-0.096	30.546	-0.092	30.566	-0.080	34.816	-0.068	34.827	-0.059	34.848	-0.059	34.872	-0.062
30.587	-0.088	30.610	-0.057	30.627	-0.093	30.647	-0.097	34.889	-0.090	34.906	-0.114	34.925	-0.114	34.941	-0.129
30.665	-0.098	30.685	-0.102	30.706	-0.090	30.727	-0.079	34.958	-0.117	34.977	-0.102	34.992	-0.054	35.002	-0.070
30.744	-0.067	30.759	-0.067	30.778	-0.067	30.798	-0.068	35.024	-0.106	35.050	-0.118	35.071	-0.131	35.092	-0.131
30.817	-0.080	30.833	-0.084	30.852	-0.092	30.872	-0.096	35.201	-0.153	35.220	-0.205	35.264	-0.193	35.291	-0.165
30.890	-0.096	30.914	-0.092	30.932	-0.100	30.949	-0.091	35.325	-0.173	35.368	-0.152	35.405	-0.148	35.429	-0.136
30.969	-0.091	30.987	-0.103	31.002	-0.091	31.022	-0.087	35.452	-0.136	35.468	-0.120	35.487	-0.120	35.499	-0.120
31.042	-0.067	31.061	-0.103	31.083	-0.032	31.101	-0.020	35.514	-0.120	35.529	-0.132	35.547	-0.143	35.561	-0.166
31.122	-0.003	31.143	-0.010	31.164	-0.025	31.184	-0.048	35.584	-0.142	35.605	-0.125	35.626	-0.116	35.646	-0.103
31.202	-0.063	31.220	-0.057	31.239	-0.064	31.259	-0.067	35.676	-0.102	35.694	-0.093	35.714	-0.092	35.735	-0.083
31.279	-0.050	31.300	-0.025	31.320	-0.013	31.343	-0.004	35.759	-0.074	35.779	-0.069	35.800	-0.068	35.821	-0.043
31.343	-0.004	31.363	-0.009	31.382	-0.017	31.401	-0.017	35.852	-0.010	35.874	-0.006	35.900	-0.039	35.928	-0.052
31.424	-0.026	31.443	-0.026	31.463	-0.026	31.481	-0.014	35.957	-0.053	35.984	-0.058	36.008	-0.058	36.034	-0.065
31.528	-0.006	31.546	-0.017	31.566	-0.021	31.581	-0.033	36.055	-0.084	36.075	-0.112	36.100	-0.127	36.137	-0.109
31.602	-0.036	31.622	-0.035	31.640	-0.030	31.662	-0.037	36.161	-0.091	36.193	-0.061	36.218	-0.052	36.244	-0.051
31.683	-0.044	31.703	-0.056	31.720	-0.059	31.739	-0.062	36.267	-0.059	36.294	-0.058	36.315	-0.061	36.330	-0.073
31.758	-0.061	31.782	-0.068	31.803	-0.060	31.822	-0.063	36.343	-0.057	36.360	-0.020	36.377	-0.021	36.390	-0.009
31.845	-0.057	31.867	-0.059	31.892	-0.065	31.912	-0.072	36.421	-0.033	36.443	-0.053	36.459	-0.089	36.473	-0.117
31.924	-0.063	31.938	-0.074	31.950	-0.073	31.962	-0.072	36.493	-0.133	36.523	-0.113	36.554	-0.086	36.570	-0.054
31.974	-0.071	32.000	-0.073	32.012	-0.072	32.023	-0.071	36.589	-0.031	36.615	-0.040	36.651	-0.040	36.678	-0.042
32.043	-0.074	32.062	-0.080	32.083	-0.079	32.109	-0.061	36.713	-0.051	36.765	-0.066	36.799	-0.067	36.827	-0.061
32.132	-0.017	32.153	-0.016	32.174	-0.015	32.194	-0.015	36.853	-0.050	36.881	-0.043	36.909	-0.032	36.926	-0.009
32.217	-0.018	32.231	-0.006	32.262	-0.023	32.282	-0.055	36.945	-0.002	36.974	-0.011	37.003	-0.028	37.026	-0.043
32.299	-0.060	32.314	-0.060	32.333	-0.059	32.355	-0.071	37.044	-0.054	37.074	-0.054	37.089	-0.034	37.141	-0.048
32.378	-0.079	32.401	-0.066	32.427	-0.037	32.446	-0.021	37.167	-0.063	37.207	-0.074	37.229	-0.073	37.251	-0.045
32.463	-0.020	32.474	-0.004	32.500	-0.029	32.516	-0.046	37.272	-0.072	37.288	-0.103	37.309	-0.107	37.342	-0.076
32.538	-0.066	32.566	-0.077	32.595	-0.032	32.611	-0.103	37.366	-0.045	37.383	-0.034	37.399	-0.022	37.429	-0.039
32.629	-0.123	32.645	-0.098	32.661	-0.098	32.676	-0.098	37.456	-0.051	37.475	-0.075	37.500	-0.043	37.531	-0.043
32.691	-0.081	32.707	-0.089	32.720	-0.112	32.731	-0.132	37.564	-0.043	37.586	-0.031	37.621	-0.031	37.646	-0.039
32.747	-0.140	32.761	-0.141	32.781	-0.141	32.796	-0.154	37.674	-0.034	37.722	-0.034	37.722	-0.046	37.748	-0.027
32.811	-0.170	32.834	-0.170	32.861	-0.170	32.882	-0.170	37.774	-0.015	37.799	-0.010	37.827	-0.010	37.857	-0.010
32.857	-0.169	32.916	-0.169	32.931	-0.181	32.952	-0.176	37.866	-0.001	37.910	-0.003	37.951	-0.019	37.977	-0.020
32.972	-0.172	32.989	-0.167	33.010	-0.166	33.030	-0.165	37.992	-0.040	38.006	-0.056	38.027	-0.036	38.055	-0.032

38.073	0.043	38.055	0.062	38.131	0.040	38.162	0.031	43.893	-0.035	43.919	-0.042	43.949	-0.049	43.584	-0.048
38.193	0.010	38.223	0.017	38.250	0.012	38.280	-0.001	44.016	-0.055	44.039	-0.064	44.072	-0.053	44.096	-0.053
38.310	-0.003	38.342	-0.004	38.380	0.001	38.405	0.002	44.125	-0.057	44.146	-0.049	44.167	-0.057	44.195	-0.065
38.430	-0.006	38.456	0.002	38.485	0.031	38.509	0.055	44.219	-0.060	44.241	-0.060	44.260	-0.059	44.281	-0.060
38.532	0.067	38.555	0.092	38.585	0.088	38.617	0.072	44.305	-0.056	44.332	-0.057	44.357	-0.046	44.390	-0.043
38.651	0.072	38.679	0.087	38.708	0.090	38.746	0.042	44.417	-0.044	44.448	-0.036	44.471	-0.033	44.497	-0.029
38.779	0.025	38.804	0.019	38.819	-0.002	38.837	0.013	44.528	-0.028	44.550	-0.015	44.574	-0.007	44.597	-0.006
38.862	0.011	38.877	0.022	38.899	0.001	38.926	0.015	44.619	-0.002	44.641	-0.002	44.663	-0.001	44.686	-0.003
38.944	-0.024	38.962	-0.056	38.995	-0.025	39.023	0.006	44.710	0.003	44.734	-0.009	44.759	-0.009	44.778	-0.005
39.059	0.015	39.089	0.031	39.114	0.031	39.137	0.023	44.809	-0.005	44.838	-0.009	44.867	-0.013	44.897	-0.005
39.169	0.020	39.204	0.017	39.241	0.018	39.271	0.031	44.925	-0.010	44.951	-0.013	44.979	-0.013	45.007	-0.005
39.293	0.044	39.323	0.046	39.348	0.058	39.374	0.071	45.030	0.039	45.059	0.011	45.087	0.023	45.121	0.035
39.409	0.056	39.441	0.050	39.473	0.047	39.495	0.051	45.159	0.039	45.182	0.051	45.235	0.047	45.267	0.047
39.531	0.047	39.558	0.034	39.585	0.022	39.601	0.026	45.301	0.055	45.341	0.055	45.391	0.066	45.424	0.074
39.621	-0.026	39.654	0.018	39.650	-0.002	39.666	-0.002	45.453	0.074	45.476	0.078	45.491	0.078	45.533	0.078
39.675	-0.003	39.689	-0.019	39.712	-0.027	39.736	-0.031	45.519	0.078	45.511	0.078	45.636	0.078	45.663	0.074
39.758	-0.055	39.788	-0.055	39.817	-0.039	39.838	-0.019	45.685	-0.066	45.709	0.062	45.731	0.050	45.748	0.038
39.861	0.001	39.879	0.018	39.908	0.039	39.933	0.027	45.776	0.034	45.801	0.030	45.823	0.026	45.851	0.023
39.955	0.032	39.979	0.037	39.994	0.029	40.016	0.006	45.871	0.027	45.857	0.024	45.927	0.028	45.954	0.024
40.034	-0.017	40.060	-0.016	40.077	-0.015	40.098	-0.014	45.976	0.017	46.004	0.009	46.029	0.010	46.057	0.003
40.118	-0.006	40.147	-0.006	40.164	-0.014	40.187	-0.026	46.081	-0.004	46.112	-0.007	46.146	-0.008	46.171	-0.000
40.229	-0.047	40.229	-0.051	40.258	-0.080	40.280	-0.086	46.154	-0.007	46.226	-0.008	46.255	-0.008	46.289	-0.008
40.306	-0.067	40.339	-0.053	40.368	-0.038	40.406	-0.029	46.321	-0.008	46.350	-0.008	46.373	-0.004	46.395	-0.008
40.449	-0.013	40.502	-0.026	40.540	-0.002	40.584	0.014	46.425	-0.005	46.448	-0.009	46.475	-0.017	46.494	-0.029
40.625	0.021	40.677	0.030	40.721	0.012	40.762	0.030	46.517	-0.036	46.537	-0.044	46.554	-0.048	46.571	-0.040
40.790	0.028	40.829	0.022	40.851	0.020	40.882	0.019	46.588	-0.048	46.610	-0.051	46.632	-0.043	46.653	-0.043
40.914	0.023	40.933	0.023	40.956	0.034	40.978	0.030	46.675	-0.038	46.700	-0.030	46.721	-0.026	46.743	-0.029
40.996	0.031	41.022	0.035	41.040	0.023	41.065	0.003	46.762	-0.033	46.783	-0.033	46.802	-0.037	46.826	-0.041
41.086	-0.017	41.112	-0.021	41.137	-0.029	41.158	-0.033	46.848	-0.045	46.872	-0.045	46.897	-0.041	46.916	-0.045
41.191	-0.041	41.218	-0.053	41.240	-0.064	41.268	-0.056	46.941	-0.041	46.965	-0.046	46.987	-0.046	47.012	-0.046
41.302	-0.036	41.347	-0.008	41.385	0.012	41.419	0.032	47.036	-0.054	47.057	-0.054	47.073	-0.058	47.102	-0.062
41.453	0.040	41.486	0.051	41.507	0.051	41.541	0.047	47.122	-0.058	47.147	-0.070	47.169	-0.066	47.195	-0.073
41.571	0.055	41.607	0.059	41.626	0.060	41.669	0.073	47.219	-0.077	47.243	-0.072	47.268	-0.072	47.290	-0.067
41.698	0.078	41.729	0.078	41.753	0.082	41.767	0.090	47.312	-0.063	47.337	-0.063	47.357	-0.063	47.380	-0.063
41.788	0.083	41.814	0.070	41.849	0.045	41.886	0.044	47.357	-0.059	47.426	-0.058	47.459	-0.062	47.488	-0.051
41.920	0.039	41.954	0.042	41.997	0.034	42.021	0.050	47.511	-0.063	47.548	-0.071	47.557	-0.068	47.587	-0.068
42.082	0.034	42.087	0.049	42.123	0.045	42.150	0.036	47.616	-0.064	47.648	-0.072	47.680	-0.072	47.710	-0.068
42.174	0.048	42.192	0.051	42.215	0.047	42.230	0.066	47.741	-0.080	47.758	-0.076	47.792	-0.079	47.817	-0.086
42.248	0.070	42.269	0.057	42.287	0.038	42.311	0.036	47.843	-0.094	47.862	-0.086	47.887	-0.057	47.922	-0.088
42.342	0.042	42.371	0.030	42.390	0.037	42.420	0.008	47.930	-0.084	47.967	-0.084	47.958	-0.107	48.018	-0.091
42.447	0.049	42.476	0.020	42.509	0.019	42.533	0.018	48.042	-0.078	48.076	-0.066	48.116	-0.113	48.132	-0.089
42.556	0.014	42.580	0.009	42.600	0.001	42.607	0.001	48.165	-0.097	48.190	-0.057	48.215	-0.093	48.235	-0.057
42.618	-0.004	42.635	0.016	42.666	-0.005	42.713	-0.026	48.256	-0.093	48.276	-0.088	48.302	-0.072	48.326	-0.068
42.742	-0.027	42.774	-0.036	42.755	-0.044	42.821	-0.049	48.348	-0.064	48.374	-0.060	48.395	-0.052	48.419	-0.052
42.853	-0.058	42.883	-0.058	42.911	-0.059	42.939	-0.047	48.444	-0.048	48.466	-0.040	48.491	-0.035	48.512	-0.035
42.955	-0.051	42.977	-0.039	42.958	-0.047	43.027	-0.063	48.536	-0.027	48.554	-0.016	48.576	-0.004	48.599	-0.000
43.055	-0.087	43.085	-0.095	43.105	-0.115	43.127	-0.115	48.620	0.000	48.640	0.000	48.662	0.004	48.688	-0.000
43.142	-0.115	43.165	-0.115	43.186	-0.111	43.208	-0.115	48.704	0.004	48.728	0.008	48.756	0.011	48.784	-0.001
43.229	-0.115	43.257	-0.115	43.280	-0.111	43.303	-0.115	48.812	0.015	48.838	0.023	48.864	0.010	48.894	0.010
43.332	-0.111	43.364	-0.110	43.397	-0.166	43.425	-0.102	48.919	0.003	48.935	0.000	48.966	-0.000	48.994	0.000
43.451	-0.102	43.472	-0.102	43.494	-0.090	43.517	-0.082	49.024	-0.007	49.053	-0.003	49.081	-0.006	49.103	-0.005
43.534	-0.079	43.547	-0.071	43.564	-0.063	43.580	-0.060	49.126	-0.005	49.157	0.011	49.183	0.019	49.204	0.019
43.557	-0.056	43.618	-0.060	43.640	-0.060	43.659	-0.056	49.225	0.027	49.250	0.031	49.272	0.031	49.297	0.027
43.677	-0.064	43.699	-0.064	43.722	-0.063	43.741	-0.058	49.327	0.026	49.358	0.014	49.383	0.010	49.405	0.002
43.758	-0.062	43.774	-0.053	43.790	-0.057	43.805	-0.052	49.427	-0.003	49.444	-0.007	49.479	-0.007	49.508	-0.007
43.820	-0.048	43.838	-0.044	43.852	-0.032	43.871	-0.035	49.555	-0.004	49.568	-0.012	49.601	-0.027	49.626	-0.016

49.657	-0.016	49.690	-0.016	49.718	-0.011	49.753	0.001
49.782	0.009	49.811	0.017	49.840	0.021	49.869	0.030
49.899	0.042	49.923	0.050	49.947	0.047	49.977	0.043
50.005	0.043	50.027	0.044	50.056	0.044	50.080	0.041
50.100	0.045	50.121	0.041	50.141	0.037	50.169	0.041
50.190	0.034	50.211	0.030	50.239	0.030	50.263	0.030
50.288	0.030	50.312	0.026	50.341	0.025	50.364	0.025
50.391	0.025	50.416	0.021	50.445	0.013	50.473	0.017
50.456	0.005	50.523	0.005	50.559	-0.003	50.592	-0.003
50.620	-0.003	50.646	0.001	50.678	-0.004	50.710	-0.012
50.741	-0.005	50.768	-0.008	50.793	-0.016	50.817	-0.004
50.836	-0.004	50.864	0.000	50.883	-0.003	50.910	-0.003
50.933	-0.010	50.954	-0.010	50.975	-0.010	50.995	-0.017
51.016	-0.017	51.038	-0.017	51.057	-0.021	51.086	-0.025
51.123	-0.032	51.155	-0.031	51.185	-0.035	51.208	-0.038
51.229	-0.042	51.258	-0.058	51.284	-0.062	51.313	-0.070
51.346	-0.066	51.367	-0.078	51.393	-0.078	51.418	-0.078
51.443	-0.078	51.465	-0.085	51.490	-0.073	51.518	-0.068
51.541	-0.060	51.569	-0.055	51.595	-0.051	51.619	-0.054
51.645	-0.062	51.670	-0.061	51.699	-0.060	51.721	-0.056
51.748	-0.055	51.783	-0.050	51.813	-0.046	51.846	-0.045
51.883	-0.048	51.924	-0.056	51.949	-0.055	51.978	-0.051
52.024	-0.047	52.062	-0.054	52.096	-0.058	52.135	-0.062
52.172	-0.057	52.195	-0.053	52.223	-0.041	52.256	-0.049
52.298	-0.044	52.327	-0.048	52.363	-0.047	52.392	-0.055
52.422	-0.054	52.452	-0.065	52.479	-0.068	52.506	-0.071
52.532	-0.062	52.566	-0.070	52.586	-0.057	52.616	-0.045
52.644	-0.041	52.670	-0.048	52.689	-0.041	52.716	-0.033
52.742	-0.034	52.771	-0.042	52.801	-0.042	52.829	-0.046
52.857	-0.042	52.881	-0.038	52.920	-0.037	52.949	-0.036
52.979	-0.030	53.005	-0.025	53.033	-0.015	53.065	-0.017
53.089	-0.020	53.114	-0.022	53.136	-0.009	53.163	-0.005
53.183	-0.008	53.215	-0.004	53.260	-0.003	53.293	-0.006
53.326	-0.001						

71-141 2/9/71 0600PST LONG BEACH STATE CCLGE GD. LEVEL DOWN

2745 POINTS 53.373 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0545 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.060	0.012	0.024	0.021	-0.004	0.032	-0.020	2.253	0.139	2.264	0.167	2.280	0.123	2.251	0.091
0.038	0.020	0.048	0.036	0.062	0.083	0.069	0.051	2.309	0.047	2.322	0.075	2.335	0.110	2.346	0.122
0.077	0.034	0.084	-0.004	0.092	-0.020	0.103	0.015	2.360	0.078	2.377	0.042	2.403	0.017	2.421	-0.031
0.114	0.031	0.126	0.051	0.138	0.067	0.154	0.078	2.441	-0.095	2.453	-0.067	2.461	-0.032	2.475	-0.084
0.166	0.062	0.177	0.050	0.189	0.050	0.194	0.026	2.483	-0.128	2.495	-0.045	2.510	-0.038	2.525	0.049
0.205	-0.006	0.216	-0.069	0.224	-0.101	0.238	-0.137	2.543	0.077	2.562	0.100	2.578	0.119	2.592	0.099
0.248	-0.109	0.263	-0.070	0.277	-0.062	0.303	-0.050	2.608	0.055	2.628	0.018	2.639	-0.002	2.652	-0.002
0.319	-0.031	0.333	-0.019	0.344	-0.019	0.356	-0.003	2.667	-0.002	2.677	-0.049	2.694	-0.081	2.719	-0.046
0.368	0.024	0.380	0.044	0.391	0.052	0.402	0.037	2.733	-0.010	2.758	0.057	2.776	0.093	2.787	0.125
0.413	0.025	0.425	0.049	0.435	0.065	0.444	0.101	2.795	0.156	2.808	0.180	2.826	0.145	2.843	0.093
0.459	0.137	0.474	0.105	0.489	0.066	0.503	0.002	2.864	0.030	2.890	-0.022	2.908	-0.121	2.921	-0.153
0.512	-0.049	0.526	-0.049	0.556	-0.053	0.571	-0.049	2.934	-0.192	2.950	-0.164	2.964	-0.077	2.987	0.014
0.589	0.046	0.604	0.110	0.627	0.165	0.639	0.181	2.999	0.109	3.008	0.149	3.020	0.184	3.058	0.208
0.653	0.205	0.671	0.153	0.689	0.105	0.704	0.030	3.048	0.156	3.128	-0.107	3.142	-0.051	3.154	-0.011
0.722	0.020	0.730	-0.046	0.738	-0.007	0.752	0.021	3.118	-0.043	3.158	0.060	3.208	0.056	3.218	0.120
0.763	0.020	0.786	0.020	0.800	0.020	0.813	0.059	3.115	0.020	3.145	0.036	3.258	0.012	3.276	0.064
0.833	0.023	0.845	-0.005	0.856	-0.029	0.869	-0.056	3.221	0.068	3.245	0.036	3.310	0.140	3.328	0.112
0.880	-0.084	0.893	-0.116	0.909	-0.065	0.924	-0.065	3.287	0.056	3.300	0.116	3.372	-0.055	3.394	-0.059
0.930	-0.041	0.947	0.018	0.968	0.050	0.983	0.074	3.344	0.032	3.360	-0.011	3.478	0.068	3.514	-0.048
0.958	0.053	1.015	0.045	1.029	0.025	1.039	0.009	3.414	-0.055	3.424	-0.007	3.559	-0.124	3.573	-0.064
1.054	0.021	1.078	0.017	1.090	0.044	1.110	0.056	3.469	0.147	3.545	-0.139	3.500	0.020	3.573	-0.064
1.130	0.071	1.147	0.063	1.159	0.019	1.173	-0.028	3.531	-0.103	3.587	0.100	3.657	0.106	3.674	0.047
1.188	-0.076	1.203	-0.108	1.217	-0.045	1.242	-0.002	3.589	0.039	3.601	-0.102	3.659	0.126	3.673	-0.054
1.265	0.022	1.286	0.041	1.300	0.069	1.313	0.045	3.545	-0.139	3.601	-0.102	3.659	0.126	3.673	-0.054
1.326	0.001	1.337	-0.035	1.347	-0.047	1.356	-0.007	3.628	0.181	3.714	0.027	3.748	0.043	3.759	0.055
1.364	0.024	1.379	0.044	1.394	0.017	1.405	-0.015	3.769	0.067	3.789	0.059	3.810	0.131	3.825	0.151
1.421	-0.007	1.433	0.021	1.447	0.057	1.461	0.093	3.844	0.127	3.856	-0.045	3.866	0.068	3.883	-0.020
1.473	0.149	1.485	0.133	1.498	0.113	1.517	0.078	3.900	-0.107	3.908	0.143	3.930	-0.179	3.945	-0.191
1.528	0.058	1.542	0.002	1.555	-0.045	1.566	-0.081	3.959	-0.144	3.985	-0.005	4.012	0.054	4.025	0.157
1.579	-0.108	1.595	-0.108	1.615	-0.064	1.644	-0.016	4.035	0.201	4.051	0.236	4.065	0.152	4.089	0.116
1.669	0.051	1.687	0.091	1.699	0.111	1.711	0.115	4.120	0.064	4.143	0.035	4.166	0.019	4.178	0.003
1.724	0.111	1.739	0.111	1.751	0.120	1.762	0.080	4.158	0.026	4.205	0.053	4.216	0.073	4.233	0.033
1.779	0.024	1.795	0.004	1.815	-0.008	1.830	0.012	4.283	0.005	4.255	-0.007	4.316	-0.019	4.327	-0.003
1.842	0.023	1.854	-0.001	1.869	-0.032	1.882	0.003	4.348	0.048	4.348	0.044	4.406	0.080	4.419	0.080
1.892	0.035	1.911	-0.029	1.923	0.011	1.936	0.066	4.384	0.096	4.393	0.068	4.460	0.159	4.473	0.199
1.953	0.118	1.962	0.090	1.976	0.026	1.993	-0.054	4.436	0.185	4.447	0.059	4.460	0.159	4.473	0.199
2.000	-0.093	2.011	-0.121	2.028	-0.110	2.054	-0.110	4.485	0.155	4.510	0.099	4.582	0.076	4.600	-0.096
2.063	-0.082	2.077	-0.039	2.096	0.013	2.115	0.052	4.548	-0.016	4.565	-0.056	4.582	-0.076	4.600	-0.096
2.138	0.068	2.156	0.048	2.179	0.048	2.193	0.064	4.612	-0.124	4.623	-0.155	4.637	-0.168	4.648	-0.132
2.207	0.080	2.218	0.104	2.231	0.072	2.242	0.108	4.659	-0.089	4.673	-0.053	4.699	0.058	4.712	-0.054



4.726	-0.039	4.742	0.008	4.755	0.040	4.773	0.039	7.580	0.017	7.955	0.041	8.004	0.045	8.029	0.017
4.790	0.035	4.799	0.059	4.814	0.086	4.830	0.105	8.049	-0.003	8.062	-0.003	8.080	-0.015	8.090	-0.039
4.826	0.129	4.853	0.152	4.875	0.128	4.900	0.075	8.108	-0.007	8.124	0.009	8.134	0.044	8.145	0.080
4.942	0.027	4.945	-0.021	4.957	-0.057	4.970	-0.070	8.162	0.024	8.183	-0.027	8.199	-0.044	8.210	-0.076
4.984	-0.054	4.996	-0.055	5.008	-0.075	5.019	-0.083	8.224	-0.084	8.240	-0.080	8.261	-0.056	8.277	-0.033
5.032	-0.063	5.044	-0.027	5.058	-0.055	5.077	0.083	8.290	-0.001	8.313	0.054	8.336	0.117	8.355	0.149
5.094	-0.103	5.108	-0.059	5.127	0.029	5.143	0.096	8.369	0.176	8.381	0.168	8.395	0.144	8.410	0.080
5.152	0.132	5.161	0.164	5.179	0.116	5.188	0.080	8.420	0.048	8.430	-0.024	8.437	-0.075	8.446	-0.115
5.197	0.061	5.211	0.105	5.220	0.129	5.234	0.149	8.459	-0.136	8.475	-0.168	8.489	-0.196	8.501	-0.208
5.247	0.109	5.261	0.057	5.280	0.114	5.290	0.114	8.516	-0.145	8.533	-0.102	8.551	-0.019	8.564	0.037
5.302	0.050	5.311	0.007	5.322	-0.013	5.337	-0.001	8.587	0.102	8.606	0.067	8.627	0.091	8.651	0.090
5.350	-0.000	5.366	-0.016	5.378	-0.024	5.388	-0.047	8.671	0.108	8.686	0.117	8.702	0.141	8.712	0.176
5.401	0.004	5.422	0.060	5.435	0.087	5.457	0.091	8.726	0.196	8.742	0.212	8.756	0.168	8.769	0.116
5.473	0.083	5.490	0.083	5.458	0.099	5.512	0.110	8.781	0.069	8.792	0.021	8.804	-0.039	8.811	-0.051
5.525	0.134	5.537	0.094	5.550	0.034	5.560	-0.017	8.827	-0.071	8.845	-0.071	8.863	-0.047	8.877	-0.023
5.576	-0.077	5.586	-0.113	5.598	-0.125	5.611	-0.137	8.852	0.020	8.903	0.044	8.916	0.076	8.935	0.020
5.623	-0.161	5.635	-0.145	5.650	-0.058	5.667	-0.066	8.956	-0.016	8.976	-0.056	8.992	-0.088	9.003	-0.143
5.676	-0.042	5.690	-0.007	5.702	-0.050	5.717	-0.090	9.021	-0.195	9.032	-0.211	9.037	-0.247	9.049	-0.271
5.729	-0.110	5.737	-0.055	5.750	-0.023	5.758	-0.007	9.069	-0.211	9.080	-0.156	9.091	-0.104	9.100	-0.017
5.770	0.009	5.781	0.012	5.791	0.032	5.801	0.056	9.110	0.026	9.119	0.054	9.129	0.066	9.135	0.118
5.811	0.155	5.826	0.175	5.842	0.175	5.855	0.139	9.142	0.133	9.150	0.145	9.165	0.117	9.177	0.085
5.866	0.095	5.877	0.083	5.892	0.055	5.906	0.047	9.186	0.069	9.194	0.037	9.200	0.021	9.205	0.010
5.919	0.047	5.934	0.051	5.942	0.083	5.951	0.107	9.215	0.009	9.229	0.029	9.243	0.056	9.255	0.084
6.032	0.048	6.052	-0.055	6.069	-0.127	6.075	-0.162	9.265	0.052	9.277	0.119	9.290	0.163	9.257	0.182
6.090	-0.190	6.103	-0.159	6.117	-0.127	6.132	-0.107	9.303	0.198	9.313	0.234	9.329	0.178	9.340	0.134
6.149	-0.056	6.162	-0.056	6.178	-0.052	6.185	-0.025	9.350	0.114	9.422	0.137	9.431	0.160	9.443	0.168
6.156	0.003	6.213	0.058	6.227	0.058	6.235	0.137	9.460	0.128	9.475	0.061	9.484	0.001	9.495	-0.071
6.248	0.133	6.258	0.121	6.268	0.109	6.279	0.129	9.501	-0.118	9.511	-0.150	9.524	-0.182	9.533	-0.178
6.289	0.152	6.305	0.140	6.317	0.104	6.329	0.041	9.546	-0.150	9.559	-0.126	9.577	-0.078	9.593	-0.023
6.345	-0.015	6.358	-0.059	6.372	-0.099	6.380	-0.115	9.607	0.017	9.616	0.033	9.627	0.065	9.639	0.041
6.359	-0.083	6.410	-0.040	6.422	-0.004	6.435	0.023	9.656	0.041	9.672	0.045	9.685	0.021	9.700	0.045
6.449	0.023	6.462	-0.017	6.472	-0.045	6.483	-0.061	9.717	0.081	9.727	0.105	9.738	0.116	9.759	0.081
6.492	-0.081	6.504	-0.009	6.522	0.026	6.544	0.042	9.772	0.029	9.784	0.008	9.821	0.015	9.838	-0.001
6.558	0.070	6.570	0.086	6.588	0.058	6.606	-0.021	9.855	0.010	9.872	0.038	9.891	0.049	9.911	0.061
6.620	-0.069	6.626	-0.117	6.634	-0.152	6.647	-0.137	9.928	0.061	9.940	0.013	9.945	-0.011	9.955	-0.035
6.665	-0.089	6.682	-0.045	6.698	0.006	6.712	0.086	9.965	-0.055	9.975	-0.035	9.986	-0.055	9.999	-0.075
6.726	0.141	6.740	0.181	6.754	0.137	6.774	0.094	10.012	-0.111	10.025	-0.126	10.047	-0.122	10.059	-0.102
6.787	0.074	6.801	0.090	6.818	0.090	6.828	0.078	10.076	-0.077	10.085	-0.053	10.105	-0.017	10.121	0.019
6.845	0.054	6.852	0.030	6.870	0.034	6.884	0.038	10.133	0.059	10.152	0.027	10.167	0.003	10.184	0.033
6.891	-0.010	6.901	-0.026	6.918	-0.066	6.933	-0.026	10.199	0.010	10.210	0.045	10.223	0.093	10.238	0.136
6.943	0.010	6.955	0.029	6.967	-0.022	6.977	-0.038	10.249	0.163	10.261	0.159	10.274	0.150	10.290	0.097
6.989	-0.038	7.002	-0.042	7.021	0.020	7.039	-0.039	10.301	0.057	10.311	0.001	10.323	-0.036	10.334	-0.064
7.056	-0.031	7.076	0.005	7.092	0.056	7.106	0.036	10.350	0.072	10.374	-0.073	10.384	-0.077	10.396	-0.049
7.118	0.052	7.128	0.080	7.152	-0.056	7.178	0.012	10.412	-0.010	10.434	0.022	10.448	0.050	10.470	0.081
7.203	-0.012	7.211	-0.020	7.222	-0.068	7.241	-0.112	10.483	0.117	10.501	0.081	10.524	0.048	10.545	0.012
7.254	-0.064	7.277	-0.005	7.303	0.066	7.329	0.113	10.576	-0.013	10.585	-0.041	10.593	-0.046	10.600	-0.062
7.343	0.149	7.355	0.180	7.374	0.113	7.393	0.029	10.608	-0.082	10.614	-0.086	10.625	-0.075	10.637	-0.083
7.407	-0.035	7.418	-0.074	7.435	-0.075	7.449	-0.063	10.654	-0.036	10.670	-0.014	10.686	0.045	10.698	0.084
7.467	-0.035	7.487	-0.075	7.504	-0.076	7.524	-0.044	10.710	0.108	10.716	0.147	10.724	0.178	10.732	0.198
7.549	-0.037	7.576	-0.018	7.601	0.010	7.618	0.025	10.746	0.159	10.763	0.125	10.763	0.165	10.780	0.064
7.635	0.061	7.655	0.092	7.669	0.092	7.688	0.100	10.752	0.024	10.800	0.000	10.812	-0.004	10.821	-0.005
7.702	0.052	7.713	0.016	7.722	-0.004	7.739	0.043	10.832	-0.005	10.841	-0.009	10.849	-0.017	10.860	-0.022
7.755	0.071	7.774	0.094	7.796	0.090	7.819	0.078	10.868	0.014	10.877	0.045	10.882	0.069	10.898	0.084
7.838	0.042	7.855	0.038	7.875	0.002	7.893	-0.038	10.913	0.060	10.929	0.017	10.945	-0.031	10.958	0.034
7.913	-0.026	7.931	-0.026	7.949	-0.015	7.968	0.001	10.977	-0.107	10.988	-0.131	10.995	-0.155	11.011	-0.143

11.026	-0.111	11.046	-0.087	11.059	-0.040	11.074	-0.004	14.582	-0.057	14.593	-0.057	14.606	-0.021	14.619	0.023
11.087	0.004	11.099	0.027	11.115	-0.012	11.129	-0.004	14.633	0.050	14.647	0.078	14.663	0.066	14.678	0.039
11.142	-0.019	11.153	-0.031	11.164	-0.039	11.179	0.001	14.689	0.050	14.702	-0.033	14.712	-0.052	14.724	-0.088
11.194	0.053	11.208	0.077	11.223	0.098	11.237	0.094	14.743	-0.116	14.755	-0.104	14.769	-0.072	14.785	-0.036
11.252	0.082	11.274	0.095	11.290	0.067	11.302	0.047	14.795	-0.008	14.806	0.020	14.816	0.044	14.831	-0.060
11.311	0.035	11.321	0.019	11.335	0.008	11.354	0.007	14.844	0.075	14.863	0.060	14.878	0.024	14.893	-0.012
11.369	0.007	11.379	0.007	11.385	0.019	11.395	0.019	14.910	-0.027	14.928	-0.027	14.949	-0.020	14.972	0.008
11.406	0.019	11.418	-0.009	11.431	-0.032	11.440	-0.052	14.984	0.016	15.001	0.039	15.021	0.047	15.043	0.031
11.452	-0.096	11.463	-0.112	11.470	-0.140	11.488	-0.113	15.069	0.010	15.092	-0.006	15.109	-0.022	15.128	-0.022
11.505	-0.082	11.520	-0.055	11.537	-0.023	11.554	-0.012	15.154	-0.019	15.168	-0.015	15.186	-0.012	15.201	-0.016
11.549	-0.020	11.565	-0.021	11.588	-0.033	11.613	-0.053	15.216	-0.020	15.239	-0.008	15.253	-0.001	15.260	0.027
11.630	-0.081	11.644	-0.117	11.658	-0.141	11.672	-0.166	15.284	0.015	15.303	0.011	15.333	0.003	15.358	-0.017
11.688	0.034	11.702	0.013	11.718	0.056	11.725	0.084	15.382	-0.017	15.392	-0.017	15.403	-0.013	15.420	-0.025
11.734	0.104	11.751	0.100	11.769	0.060	11.786	0.020	15.438	-0.033	15.450	-0.041	15.465	-0.017	15.477	-0.005
11.799	-0.004	11.812	-0.040	11.826	-0.040	11.842	-0.040	15.492	0.006	15.512	-0.013	15.532	-0.033	15.547	-0.053
11.853	-0.068	11.866	-0.104	11.881	-0.128	11.899	-0.100	15.567	-0.057	15.586	-0.026	15.619	0.001	15.623	0.033
11.915	-0.076	11.933	-0.021	11.945	0.026	11.955	0.070	15.640	0.068	15.662	0.056	15.686	0.035	15.714	0.007
12.028	0.006	12.043	0.133	12.003	0.105	12.012	0.053	15.740	-0.026	15.765	-0.046	15.788	-0.043	15.811	-0.048
12.092	-0.050	12.106	-0.043	12.113	-0.027	12.075	-0.050	15.828	-0.048	15.843	-0.049	15.858	-0.034	15.873	-0.010
12.151	-0.067	12.168	-0.071	12.186	-0.083	12.199	-0.083	15.894	-0.001	15.918	-0.011	15.941	-0.011	15.967	-0.011
12.213	-0.091	12.226	-0.058	12.241	-0.098	12.254	-0.074	15.982	-0.011	16.001	-0.011	16.018	-0.018	16.035	-0.011
12.271	-0.046	12.282	-0.010	12.296	0.018	12.304	0.034	16.049	-0.011	16.065	-0.023	16.079	-0.035	16.092	-0.051
12.317	0.070	12.327	0.051	12.344	0.023	12.361	-0.008	16.107	-0.063	16.126	-0.051	16.144	-0.039	16.158	-0.019
12.378	-0.031	12.386	-0.047	12.400	-0.055	12.416	-0.030	16.176	-0.003	16.194	0.013	16.216	0.016	16.232	0.001
12.437	-0.006	12.451	0.030	12.463	0.058	12.472	0.074	16.251	0.016	16.268	0.032	16.293	0.044	16.316	0.079
12.482	0.054	12.493	0.103	12.515	0.079	12.536	0.058	16.334	0.091	16.351	0.059	16.361	0.099	16.378	0.063
12.560	0.038	12.577	0.014	12.587	-0.006	12.610	0.002	16.395	0.027	16.414	-0.025	16.439	-0.061	16.464	-0.061
12.621	0.017	12.633	0.033	12.641	0.005	12.666	-0.023	16.484	-0.049	16.507	-0.061	16.535	-0.073	16.561	-0.069
12.682	-0.039	12.695	-0.048	12.713	-0.064	12.721	-0.088	16.548	-0.033	16.565	0.002	16.586	0.026	16.600	0.046
12.731	-0.152	12.748	-0.168	12.771	-0.137	12.791	-0.118	16.615	-0.054	16.629	0.038	16.651	-0.005	16.664	-0.033
12.810	-0.075	12.830	-0.044	12.846	-0.017	12.871	0.002	16.681	-0.093	16.704	-0.117	16.717	-0.137	16.738	-0.125
12.890	0.002	12.907	0.010	12.930	0.014	12.942	0.026	16.756	-0.054	16.773	-0.066	16.788	-0.035	16.805	-0.011
12.954	-0.034	12.968	-0.015	12.994	0.013	13.016	0.064	16.818	-0.012	16.844	-0.020	16.863	-0.013	16.884	-0.005
13.033	0.056	13.044	0.124	13.056	0.163	13.074	0.103	16.903	-0.005	16.920	0.006	16.930	0.018	16.944	0.026
13.093	0.059	13.112	-0.005	13.124	-0.044	13.138	-0.049	16.956	0.035	17.040	-0.051	17.060	-0.019	17.078	0.004
13.154	-0.049	13.171	-0.057	13.181	-0.057	13.197	-0.057	17.029	-0.035	17.040	-0.051	17.060	-0.019	17.078	0.004
13.212	-0.037	13.231	-0.037	13.247	-0.081	13.266	-0.093	17.095	0.012	17.124	-0.007	17.148	-0.031	17.172	-0.059
13.286	-0.109	13.301	-0.129	13.322	-0.117	13.356	-0.057	17.189	-0.107	17.206	-0.131	17.225	-0.139	17.255	-0.100
13.377	-0.021	13.398	-0.002	13.422	-0.002	13.441	0.010	17.280	-0.056	17.309	-0.009	17.319	0.015	17.333	0.034
13.455	0.034	13.472	0.051	13.503	0.027	13.530	0.008	17.355	-0.006	17.383	-0.042	17.405	-0.075	17.424	-0.095
13.556	0.008	13.576	-0.008	13.592	-0.000	13.608	0.027	17.438	-0.111	17.460	-0.068	17.481	-0.041	17.498	-0.005
13.621	0.047	13.632	0.062	13.639	0.082	13.654	0.061	17.518	-0.051	17.540	-0.021	17.565	-0.061	17.583	-0.097
13.669	0.037	13.688	0.013	13.702	0.012	13.720	-0.004	17.577	-0.057	17.615	-0.057	17.641	-0.093	17.658	-0.080
13.735	-0.040	13.754	-0.069	13.779	-0.061	13.803	-0.046	17.679	-0.063	17.695	-0.039	17.723	-0.022	17.743	-0.018
13.822	-0.031	13.837	-0.011	13.849	-0.008	13.862	0.024	17.758	0.007	17.776	0.023	17.791	0.027	17.805	0.039
13.876	-0.039	13.892	0.007	13.913	-0.009	13.930	-0.034	17.825	0.039	17.836	0.036	17.847	0.024	17.864	-0.004
13.944	-0.050	13.959	-0.062	13.979	-0.085	14.003	-0.057	17.891	-0.046	17.900	-0.071	17.917	-0.087	17.931	-0.075
14.024	-0.057	14.045	-0.056	14.076	-0.052	14.093	-0.047	17.952	-0.067	17.973	-0.068	17.991	-0.064	18.011	-0.053
14.112	-0.047	14.127	-0.048	14.138	-0.032	14.153	-0.012	18.023	-0.077	18.039	-0.073	18.049	-0.061	18.074	-0.054
14.170	-0.036	14.191	-0.056	14.211	-0.056	14.225	-0.048	18.091	-0.046	18.101	-0.034	18.113	-0.018	18.139	-0.042
14.235	-0.032	14.252	-0.041	14.264	-0.025	14.278	0.015	18.159	-0.046	18.175	-0.042	18.198	-0.042	18.215	-0.038
14.289	0.050	14.300	0.078	14.311	0.101	14.323	0.121	18.230	-0.026	18.248	-0.018	18.269	-0.022	18.288	-0.030
14.344	0.096	14.366	0.064	14.385	0.016	14.407	-0.020	18.310	-0.030	18.329	-0.022	18.344	-0.022	18.368	-0.034
14.423	-0.044	14.437	-0.056	14.454	-0.044	14.469	-0.033	18.389	-0.042	18.405	-0.053	18.423	-0.065	18.449	-0.053
14.484	-0.009	14.508	-0.025	14.533	-0.053	14.562	-0.057	18.472	-0.037	18.486	-0.014	18.513	-0.014	18.542	-0.014
								18.569	0.001	18.595	0.009	18.619	0.017	18.639	0.032

18.657	0.056	18.683	0.028	18.702	0.016	18.730	-0.001	22.981	0.000	22.998	-0.012	23.020	-0.020	23.042	-0.040
18.755	-0.013	18.785	-0.013	18.805	-0.013	18.827	-0.006	23.063	-0.044	23.087	-0.045	23.108	-0.020	23.128	-0.021
18.849	0.002	18.857	0.002	18.872	0.002	18.887	-0.010	23.150	-0.017	23.169	-0.013	23.194	-0.017	23.216	-0.009
18.904	-0.010	18.925	0.006	18.937	0.010	18.951	0.026	23.240	-0.009	23.263	-0.005	23.284	-0.002	23.311	-0.006
18.963	0.033	18.975	0.041	18.989	0.025	19.008	0.013	23.334	0.018	23.358	0.018	23.382	0.013	23.405	0.005
19.036	0.000	19.055	-0.004	19.076	-0.016	19.092	-0.033	23.428	0.009	23.451	0.008	23.472	0.028	23.490	0.047
19.104	-0.041	19.118	-0.045	19.136	-0.045	19.151	-0.046	23.428	0.066	23.451	0.008	23.472	0.028	23.490	0.047
19.167	-0.046	19.175	-0.030	19.200	-0.023	19.223	-0.039	23.559	0.043	23.536	0.031	23.556	0.061	23.577	0.060
19.247	-0.055	19.267	-0.059	19.282	-0.071	19.298	-0.079	23.679	-0.007	23.657	0.005	23.717	0.024	23.740	0.033
19.323	-0.051	19.350	-0.012	19.370	0.013	19.384	0.039	23.761	0.035	23.786	0.022	23.807	0.006	23.830	0.001
19.397	0.045	19.413	0.065	19.426	0.081	19.440	0.093	23.859	0.009	23.883	0.013	23.909	0.028	23.933	0.032
19.457	0.077	19.473	0.085	19.490	0.057	19.506	0.050	23.960	0.039	23.985	0.051	24.011	0.063	24.036	0.066
19.524	0.022	19.540	-0.002	19.555	-0.022	19.571	-0.030	24.064	0.082	24.091	0.085	24.115	0.057	24.137	0.105
19.589	-0.015	19.603	0.008	19.624	0.032	19.639	0.059	24.161	0.128	24.183	0.120	24.206	0.104	24.226	0.088
19.649	0.055	19.660	0.070	19.673	0.046	19.691	0.033	24.249	0.072	24.260	0.056	24.280	0.044	24.302	0.052
19.705	-0.003	19.726	-0.031	19.737	-0.048	19.750	-0.052	24.338	0.072	24.360	0.056	24.380	0.044	24.402	0.052
19.770	-0.037	19.785	-0.006	19.800	0.021	19.819	0.045	24.423	0.060	24.444	0.072	24.463	0.088	24.483	0.080
19.835	0.068	19.853	0.083	19.868	0.082	19.880	0.082	24.504	0.072	24.524	0.068	24.547	0.045	24.564	0.037
19.907	0.089	19.918	0.089	19.918	0.089	19.936	0.065	24.583	0.041	24.600	0.053	24.626	0.065	24.647	0.077
20.027	-0.026	20.048	-0.026	20.068	-0.022	20.087	-0.002	24.676	0.037	24.789	0.025	24.811	0.017	24.833	0.025
20.103	0.014	20.121	0.002	20.135	-0.006	20.150	-0.002	24.854	0.040	24.877	0.060	24.900	0.068	24.922	0.079
20.167	0.006	20.178	0.018	20.187	0.025	20.204	0.009	24.943	0.026	24.964	0.035	24.988	0.034	25.011	0.026
20.223	-0.003	20.236	-0.019	20.254	-0.011	20.280	0.032	25.033	0.026	25.056	0.038	25.079	0.037	25.102	0.041
20.302	0.056	20.319	0.068	20.336	0.091	20.343	0.111	25.121	0.033	25.144	0.021	25.166	0.001	25.194	0.000
20.353	0.122	20.365	0.138	20.392	0.121	20.411	0.073	25.218	0.004	25.238	-0.004	25.259	-0.008	25.280	0.015
20.427	0.040	20.445	0.008	20.464	-0.017	20.481	-0.006	25.303	0.023	25.326	0.027	25.353	0.026	25.374	0.018
20.453	0.002	20.458	0.017	20.529	-0.000	20.546	-0.037	25.357	0.006	25.417	-0.063	25.441	-0.011	25.465	-0.015
20.572	-0.046	20.595	-0.031	20.615	-0.032	20.635	-0.025	25.489	-0.028	25.512	-0.036	25.535	-0.032	25.557	-0.025
20.657	-0.026	20.675	-0.027	20.689	-0.016	20.707	-0.004	25.579	-0.017	25.601	-0.013	25.621	-0.013	25.642	-0.022
20.715	-0.005	20.731	-0.029	20.748	-0.030	20.776	-0.026	25.668	-0.034	25.690	-0.034	25.710	-0.034	25.737	-0.030
20.800	-0.026	20.824	-0.026	20.841	-0.026	20.859	-0.026	25.761	-0.019	25.784	-0.019	25.806	-0.023	25.830	-0.031
20.877	-0.011	20.899	-0.007	20.915	0.013	20.934	0.034	25.851	-0.039	25.874	-0.043	25.896	-0.043	25.920	-0.047
20.954	0.004	20.976	-0.010	20.993	-0.037	21.016	-0.052	25.944	-0.055	25.966	-0.063	25.989	-0.071	26.010	-0.079
21.045	-0.050	21.071	-0.061	21.101	-0.059	21.130	-0.071	26.030	-0.083	26.052	-0.071	26.075	-0.051	26.098	-0.039
21.145	-0.079	21.158	-0.079	21.177	-0.079	21.193	-0.087	26.122	-0.036	26.143	-0.023	26.167	-0.031	26.192	-0.036
21.209	-0.091	21.226	-0.099	21.244	-0.067	21.258	-0.043	26.210	-0.036	26.233	-0.032	26.248	-0.016	26.267	-0.032
21.270	-0.035	21.282	-0.011	21.296	0.013	21.309	0.033	26.287	-0.044	26.311	-0.049	26.334	-0.069	26.355	-0.081
21.321	0.045	21.334	0.045	21.348	0.045	21.363	0.029	26.377	-0.089	26.398	-0.085	26.419	-0.086	26.443	-0.082
21.375	0.006	21.386	-0.010	21.403	-0.034	21.425	-0.061	26.463	-0.078	26.483	-0.075	26.506	-0.063	26.527	-0.048
21.442	-0.073	21.465	-0.064	21.484	-0.036	21.511	-0.032	26.551	-0.044	26.572	-0.048	26.591	-0.052	26.613	-0.065
21.532	-0.019	21.553	-0.023	21.577	-0.026	21.604	-0.027	26.634	-0.069	26.658	-0.065	26.680	-0.061	26.704	-0.046
21.637	-0.031	21.662	-0.015	21.684	0.005	21.697	0.013	26.720	-0.034	26.742	-0.010	26.764	-0.007	26.782	-0.019
21.716	-0.007	21.737	-0.022	21.760	-0.043	21.782	-0.036	26.801	-0.031	26.821	-0.031	26.846	-0.019	26.868	-0.015
21.804	-0.044	21.823	-0.032	21.843	-0.025	21.862	-0.037	26.892	-0.007	26.915	-0.007	26.937	-0.011	26.957	-0.027
21.887	-0.053	21.910	-0.073	21.929	-0.077	21.956	-0.081	26.979	-0.035	27.004	-0.031	27.027	-0.023	27.050	-0.011
21.981	-0.066	22.004	-0.050	22.024	-0.046	22.046	-0.063	27.075	-0.007	27.098	-0.004	27.118	-0.011	27.144	-0.015
22.075	-0.071	22.102	-0.087	22.124	-0.088	22.154	-0.089	27.166	-0.012	27.189	-0.004	27.210	0.016	27.230	0.020
22.186	-0.086	22.218	-0.091	22.246	-0.084	22.272	-0.088	27.252	0.024	27.272	0.020	27.292	0.020	27.311	-0.001
22.300	-0.097	22.322	-0.102	22.345	-0.098	22.372	-0.099	27.336	0.011	27.355	0.007	27.381	0.003	27.401	-0.001
22.397	-0.084	22.424	-0.064	22.452	-0.064	22.477	-0.050	27.424	0.007	27.445	0.015	27.462	0.007	27.487	-0.005
22.504	-0.050	22.530	-0.062	22.553	-0.071	22.579	-0.063	27.515	-0.001	27.535	-0.002	27.562	0.006	27.585	0.014
22.603	-0.052	22.625	-0.041	22.653	-0.034	22.679	-0.038	27.604	0.034	27.629	0.057	27.654	0.057	27.675	0.061
22.703	-0.039	22.729	-0.047	22.758	-0.048	22.782	-0.052	27.658	0.053	27.716	0.041	27.738	0.029	27.757	0.021
22.865	-0.049	22.827	-0.037	22.851	-0.026	22.876	-0.030	27.781	0.017	27.799	0.013	27.818	0.013	27.835	0.021
22.899	-0.035	22.922	-0.027	22.949	-0.011	22.971	-0.004	27.857	0.033	27.874	0.033	27.892	0.017	27.913	0.014

27.939	0.010	27.960	-0.014	27.980	-0.021	28.003	-0.017	32.477	-0.035	32.490	-0.027	32.503	-0.020	32.523	-0.036
28.025	-0.013	28.049	-0.016	28.069	-0.016	28.090	-0.020	32.537	-0.040	32.551	-0.048	32.577	-0.041	32.596	-0.038
28.112	-0.020	28.137	-0.016	28.159	-0.012	28.180	-0.008	32.618	-0.026	32.637	-0.018	32.655	-0.030	32.674	-0.031
28.200	-0.001	28.223	0.019	28.247	0.019	28.271	0.019	32.692	-0.031	32.708	0.015	32.722	0.009	32.742	0.009
28.256	0.015	28.321	0.011	28.340	0.003	28.359	-0.001	32.762	-0.018	32.786	0.016	32.816	0.019	32.841	0.004
28.377	-0.009	28.401	-0.013	28.427	-0.002	28.452	-0.002	32.861	-0.007	32.877	-0.011	32.891	-0.018	32.910	-0.006
28.474	0.006	28.496	-0.002	28.521	-0.005	28.545	-0.017	32.928	0.014	32.952	0.015	32.967	0.019	32.980	0.023
28.567	0.001	28.591	-0.013	28.617	-0.009	28.637	-0.001	32.956	0.015	33.013	-0.001	33.031	-0.012	33.063	-0.004
28.658	-0.001	28.682	-0.009	28.704	-0.008	28.724	-0.000	33.090	0.003	33.125	0.010	33.157	0.021	33.182	0.028
28.746	-0.008	28.768	-0.008	28.789	-0.008	28.815	0.005	33.217	0.043	33.326	0.048	33.342	0.053	33.393	0.057
28.837	0.009	28.855	0.001	28.876	-0.007	28.896	-0.014	33.308	0.056	33.353	0.058	33.407	0.036	33.460	0.037
28.913	-0.015	28.934	-0.018	28.959	-0.022	28.976	-0.025	33.379	0.037	33.393	0.037	33.407	0.053	33.420	0.065
29.000	-0.025	29.027	-0.018	29.059	-0.014	29.086	-0.018	33.437	0.069	33.454	0.064	33.476	0.076	33.495	0.064
29.111	-0.010	29.139	-0.007	29.165	0.001	29.190	0.001	33.512	0.056	33.531	0.036	33.548	0.032	33.570	0.031
29.217	0.000	29.244	0.008	29.270	0.012	29.293	0.003	33.584	0.038	33.600	0.033	33.619	0.072	33.637	0.080
29.309	-0.009	29.335	-0.013	29.361	-0.029	29.384	-0.033	33.662	0.079	33.690	0.073	33.721	0.072	33.749	0.063
29.409	-0.037	29.433	-0.041	29.459	-0.029	29.488	-0.013	33.773	0.062	33.803	0.061	33.828	0.060	33.842	0.067
29.509	-0.005	29.533	0.002	29.555	0.022	29.578	0.030	33.858	0.075	33.870	0.078	33.893	0.062	33.911	0.050
29.602	0.042	29.623	0.030	29.648	0.018	29.669	0.018	33.934	0.038	33.960	0.038	34.006	0.053	34.013	0.049
29.650	0.026	29.716	0.037	29.739	0.033	29.763	0.033	34.033	0.058	34.062	0.059	34.086	0.060	34.112	0.069
29.783	0.029	29.800	0.013	29.817	0.009	29.832	0.016	34.134	0.070	34.155	0.071	34.178	0.088	34.189	0.092
29.856	0.020	29.876	0.036	29.894	0.047	29.914	0.051	34.212	0.061	34.242	0.074	34.265	0.075	34.294	0.083
29.934	0.047	29.951	0.035	29.967	0.027	29.987	0.015	34.316	0.082	34.334	0.086	34.357	0.086	34.379	0.082
30.008	0.018	30.031	0.018	30.057	0.027	30.077	0.027	34.403	0.066	34.424	0.066	34.450	0.065	34.466	0.057
30.115	-0.005	30.118	0.027	30.142	0.019	30.164	0.007	34.489	0.065	34.505	0.061	34.528	0.072	34.555	0.068
30.266	0.024	30.285	0.028	30.304	0.044	30.323	0.048	34.733	0.050	34.762	0.046	34.787	0.041	34.805	0.033
30.338	0.056	30.357	0.044	30.378	0.036	30.401	0.040	34.820	0.029	34.845	0.032	34.870	0.043	34.891	0.063
30.424	0.040	30.446	0.044	30.461	0.052	30.478	0.055	34.905	0.074	34.930	0.042	34.958	0.038	34.978	0.037
30.495	0.051	30.514	0.055	30.533	0.055	30.554	0.051	35.029	0.033	35.029	0.033	35.062	0.032	35.089	0.024
30.570	0.047	30.586	0.047	30.607	0.042	30.623	0.050	35.116	0.016	35.147	0.024	35.168	0.024	35.189	0.028
30.642	0.042	30.665	0.033	30.685	0.025	30.704	0.029	35.282	0.020	35.227	0.016	35.248	0.007	35.265	-0.001
30.721	0.024	30.742	0.008	30.762	0.004	30.786	0.004	35.376	-0.013	35.304	-0.002	35.337	-0.003	35.357	0.004
30.809	0.012	30.828	0.028	30.846	0.032	30.867	0.039	35.477	0.004	35.489	-0.000	35.500	0.007	35.522	0.006
30.889	0.035	30.908	0.035	30.930	0.031	30.952	0.032	35.539	-0.017	35.554	-0.026	35.577	-0.014	35.597	0.005
30.973	0.028	30.992	0.020	31.011	0.024	31.028	0.028	35.632	0.009	35.659	-0.003	35.686	-0.014	35.722	-0.026
31.047	0.021	31.065	0.017	31.085	0.017	31.101	0.005	35.745	-0.037	35.770	-0.022	35.786	-0.014	35.808	-0.023
31.117	0.005	31.136	0.001	31.156	-0.011	31.175	-0.015	35.835	-0.039	35.854	-0.056	35.882	-0.061	35.926	-0.054
31.193	-0.031	31.213	-0.043	31.230	-0.056	31.249	-0.044	35.952	-0.035	35.964	-0.024	35.983	-0.017	36.010	-0.034
31.267	-0.048	31.287	-0.036	31.306	-0.033	31.326	-0.037	36.023	-0.062	36.046	-0.079	36.077	-0.055	36.091	-0.039
31.341	-0.037	31.360	-0.053	31.375	-0.061	31.393	-0.058	36.114	-0.043	36.141	-0.043	36.168	-0.043	36.183	-0.039
31.413	-0.058	31.428	-0.066	31.448	-0.070	31.464	-0.070	36.210	-0.051	36.236	-0.050	36.253	-0.058	36.274	-0.057
31.486	-0.058	31.504	-0.066	31.527	-0.067	31.545	-0.069	36.257	-0.061	36.314	-0.064	36.336	-0.068	36.357	-0.076
31.564	-0.087	31.585	-0.098	31.608	-0.093	31.627	-0.097	36.378	-0.077	36.356	-0.077	36.418	-0.073	36.441	-0.065
31.646	-0.092	31.666	-0.084	31.685	-0.079	31.701	-0.075	36.458	-0.054	36.482	-0.042	36.509	-0.043	36.543	-0.044
31.717	-0.078	31.734	-0.085	31.752	-0.089	31.776	-0.092	36.571	-0.041	36.587	-0.037	36.626	-0.039	36.650	-0.031
31.796	-0.084	31.813	-0.075	31.832	-0.067	31.850	-0.063	36.688	-0.036	36.717	-0.032	36.751	-0.036	36.780	-0.045
31.865	-0.058	31.879	-0.066	31.899	-0.058	31.915	-0.053	36.816	-0.045	36.847	-0.042	36.864	-0.029	36.880	-0.025
31.931	-0.061	31.940	-0.061	31.950	-0.061	31.960	-0.064	36.902	-0.037	36.922	-0.045	36.942	-0.052	36.971	-0.024
31.973	-0.060	31.986	-0.060	31.996	-0.064	32.008	-0.060	37.003	-0.012	37.021	-0.008	37.041	-0.005	37.059	-0.007
32.025	-0.059	32.048	-0.059	32.068	-0.066	32.083	-0.074	37.085	-0.004	37.115	-0.004	37.141	-0.005	37.168	-0.001
32.095	-0.077	32.114	-0.077	32.132	-0.060	32.147	-0.052	37.193	0.011	37.216	0.011	37.238	0.019	37.250	0.042
32.165	-0.047	32.180	-0.027	32.197	-0.027	32.212	-0.043	37.273	0.030	37.303	0.026	37.329	0.014	37.353	0.014
32.230	-0.050	32.246	-0.058	32.273	-0.034	32.297	-0.014	37.363	0.014	37.400	0.016	37.426	0.010	37.456	0.022
32.311	0.002	32.327	0.014	32.351	-0.002	32.380	-0.022	37.489	0.022	37.522	0.022	37.552	0.026	37.576	0.038
32.406	-0.042	32.423	-0.050	32.446	-0.050	32.465	-0.046								

37.610	0.030	37.635	0.034	37.655	0.042	37.671	0.042	43.937	0.034	43.966	0.034	43.992	0.038	44.021	C.050
37.689	0.042	37.718	0.026	37.734	0.018	37.755	0.018	44.045	0.046	44.066	0.046	44.058	0.042	44.122	C.046
37.790	0.030	37.818	0.037	37.840	0.045	37.867	0.044	44.150	0.042	44.177	0.047	44.204	C.053	44.243	C.063
37.858	0.043	37.822	0.039	37.846	0.046	37.862	0.050	44.266	0.055	44.288	0.059	44.312	C.063	44.334	C.063
37.978	0.049	38.009	0.048	38.039	0.040	38.060	0.035	44.356	0.059	44.375	0.051	44.404	C.047	44.425	C.043
38.087	0.035	38.118	0.034	38.136	0.034	38.162	0.050	44.450	0.034	44.472	0.043	44.494	C.046	44.516	C.046
38.197	0.053	38.232	0.049	38.254	0.049	38.292	0.048	44.538	0.034	44.563	0.030	44.597	0.027	44.624	C.023
38.329	0.059	38.367	0.058	38.403	0.057	38.426	0.057	44.662	0.019	44.693	0.015	44.725	C.015	44.764	C.016
38.454	0.069	38.486	0.070	38.512	0.054	38.535	0.046	44.800	0.008	44.834	0.000	44.864	C.000	44.891	C.004
38.554	0.034	38.571	0.030	38.603	0.039	38.624	0.055	44.911	0.004	44.938	0.000	44.958	C.000	44.985	C.004
38.647	0.059	38.671	0.068	38.696	0.044	38.709	0.045	45.010	0.004	45.028	0.007	45.053	0.004	45.073	C.012
38.743	0.049	38.771	0.048	38.790	0.048	38.807	0.047	45.091	0.016	45.106	0.020	45.120	0.024	45.144	C.024
38.825	0.027	38.849	0.026	38.881	0.014	38.905	0.013	45.157	0.024	45.172	0.032	45.195	0.028	45.220	C.028
38.940	0.012	38.974	0.011	39.006	0.003	39.038	0.002	45.243	0.032	45.267	0.037	45.288	0.037	45.310	C.037
39.072	0.003	39.091	0.011	39.125	0.015	39.173	0.015	45.331	0.037	45.347	0.037	45.367	0.037	45.385	C.037
39.215	0.014	39.255	0.013	39.256	0.012	39.331	0.011	45.409	0.037	45.432	0.041	45.455	0.044	45.474	C.048
39.364	0.010	39.397	0.009	39.423	0.009	39.450	0.000	45.493	0.043	45.517	0.047	45.532	0.047	45.552	C.046
39.476	0.008	39.499	0.004	39.526	0.008	39.550	0.004	45.576	0.046	45.600	0.041	45.617	0.045	45.637	C.044
39.583	0.024	39.623	0.025	39.649	0.029	39.676	0.030	45.655	0.040	45.672	0.043	45.691	0.047	45.713	C.054
39.705	0.026	39.734	0.019	39.766	0.011	39.810	0.003	45.730	0.058	45.750	0.058	45.773	0.062	45.793	C.058
39.841	0.002	39.880	0.007	39.915	0.011	39.949	0.016	45.814	0.062	45.840	0.062	45.860	0.068	45.884	C.058
39.982	0.012	40.006	0.012	40.031	0.012	40.060	0.016	45.906	0.058	45.927	0.058	45.946	0.054	45.967	C.050
40.090	0.008	40.101	0.008	40.122	0.004	40.150	0.004	45.989	0.050	46.015	0.046	46.038	0.046	46.064	C.050
40.162	0.004	40.183	0.003	40.201	0.001	40.222	0.007	46.087	0.041	46.111	0.045	46.133	0.044	46.156	C.048
40.246	0.014	40.265	0.022	40.281	0.014	40.311	0.017	46.178	0.052	46.195	0.051	46.223	0.051	46.239	C.051
40.334	0.021	40.364	0.033	40.396	0.029	40.422	0.040	46.261	0.051	46.282	0.051	46.299	0.055	46.322	C.058
40.443	0.040	40.460	0.040	40.513	0.036	40.546	0.020	46.342	0.062	46.361	0.058	46.384	0.058	46.405	C.058
40.577	0.020	40.602	0.032	40.629	0.028	40.677	0.021	46.433	0.054	46.459	0.050	46.484	0.049	46.505	C.053
40.705	0.021	40.760	0.006	40.825	0.015	40.890	0.024	46.531	0.045	46.557	0.048	46.582	0.040	46.604	C.032
40.942	0.016	40.986	0.028	41.026	0.021	41.075	0.013	46.628	0.028	46.650	0.019	46.673	0.024	46.697	C.021
41.123	0.006	41.151	0.002	41.178	0.007	41.215	0.019	46.722	0.013	46.745	0.014	46.773	0.010	46.799	C.007
41.242	0.020	41.284	0.021	41.310	0.013	41.350	0.017	46.824	0.007	46.846	0.008	46.866	0.008	46.888	C.004
41.379	0.030	41.404	0.038	41.420	0.042	41.447	0.038	46.909	0.004	46.933	0.004	46.949	0.012	46.968	C.012
41.476	0.038	41.550	0.014	41.575	0.006	41.605	0.006	46.986	0.004	47.012	0.012	47.027	0.008	47.050	C.011
41.645	0.009	41.685	0.003	41.718	0.004	41.737	0.003	47.071	0.008	47.091	0.008	47.110	0.008	47.132	C.004
41.755	0.011	41.787	0.002	41.821	0.002	41.853	0.001	47.149	0.004	47.171	0.004	47.189	0.001	47.212	C.001
41.898	0.003	41.962	0.004	42.001	0.024	42.028	0.016	47.230	0.007	47.247	0.006	47.265	0.006	47.279	C.006
42.078	0.016	42.124	0.024	42.179	0.024	42.211	0.020	47.298	0.002	47.316	0.005	47.337	0.005	47.351	C.005
42.238	0.015	42.255	0.031	42.282	0.035	42.299	0.043	47.366	0.009	47.384	0.009	47.406	0.009	47.424	C.009
42.315	0.043	42.338	0.043	42.365	0.031	42.391	0.019	47.443	0.008	47.460	0.005	47.479	0.005	47.498	C.002
42.404	0.039	42.423	0.031	42.443	0.031	42.465	0.040	47.516	0.002	47.532	0.002	47.547	0.002	47.567	C.003
42.481	0.040	42.500	0.040	42.513	0.048	42.531	0.060	47.590	0.015	47.615	0.012	47.635	0.020	47.668	C.024
42.548	0.045	42.567	0.034	42.584	0.018	42.607	0.027	47.658	0.032	47.728	0.027	47.753	0.031	47.783	C.030
42.631	0.024	42.654	0.029	42.615	0.030	42.657	0.030	47.800	0.026	47.836	0.026	47.869	0.025	47.897	C.029
42.730	0.040	42.771	0.041	42.800	0.034	42.829	0.038	47.923	0.022	47.951	0.034	47.974	0.031	47.996	C.031
42.856	0.039	42.881	0.035	42.906	0.036	42.922	0.028	48.023	0.031	48.053	0.028	48.075	0.032	48.095	C.028
42.946	0.029	42.982	0.034	43.014	0.039	43.032	0.043	48.122	0.024	48.138	0.024	48.161	0.015	48.184	C.011
43.057	0.040	43.099	0.030	43.131	0.030	43.159	0.031	48.203	0.003	48.221	0.006	48.241	0.003	48.264	C.001
43.184	0.031	43.217	0.031	43.242	0.027	43.262	0.027	48.286	0.004	48.306	0.000	48.326	0.006	48.346	C.004
43.279	0.027	43.297	0.019	43.320	0.011	43.334	0.004	48.365	0.015	48.386	0.015	48.408	0.010	48.428	C.009
43.352	0.004	43.373	0.007	43.393	0.011	43.411	0.015	48.449	0.008	48.470	0.017	48.493	0.006	48.517	C.013
43.425	0.019	43.445	0.019	43.464	0.019	43.490	0.019	48.535	0.013	48.555	0.020	48.579	0.024	48.601	C.024
43.516	0.015	43.545	0.011	43.572	0.007	43.593	0.004	48.626	0.027	48.651	0.032	48.670	0.028	48.691	C.032
43.622	0.001	43.648	0.005	43.676	0.009	43.702	0.013	48.716	0.032	48.736	0.037	48.758	0.037	48.778	C.033
43.735	0.013	43.760	0.017	43.795	0.025	43.819	0.026	48.759	0.030	48.818	0.026	48.840	0.026	48.865	C.027
43.836	0.030	43.860	0.034	43.887	0.038	43.907	0.030	48.889	0.027	48.918	0.027	48.940	0.023	48.962	C.020

48.987	-0.020	49.015	-0.020	49.039	-0.020	49.068	-0.020
49.091	-0.020	49.118	-0.024	49.138	-0.024	49.160	-0.020
49.182	-0.020	49.205	-0.019	49.225	-0.019	49.246	-0.023
49.264	-0.027	49.281	-0.026	49.302	-0.030	49.325	-0.026
49.344	-0.026	49.366	-0.030	49.385	-0.031	49.402	-0.031
49.421	-0.035	49.444	-0.035	49.466	-0.035	49.484	-0.035
49.504	-0.027	49.521	-0.023	49.540	-0.015	49.567	-0.011
49.553	-0.006	49.573	0.002	49.596	-0.001	49.622	0.003
49.690	0.007	49.708	0.007	49.728	0.012	49.744	0.008
49.762	0.008	49.782	0.004	49.806	0.004	49.826	0.004
49.848	0.008	49.873	0.012	49.898	0.016	49.915	0.016
49.937	0.012	49.967	0.016	49.996	0.008	50.013	0.012
50.032	0.004	50.051	0.004	50.069	0.008	50.088	0.000
50.114	0.004	50.134	-0.004	50.159	-0.004	50.179	-0.007
50.205	-0.007	50.228	-0.004	50.258	-0.011	50.278	-0.011
50.300	-0.019	50.320	-0.023	50.341	-0.031	50.361	-0.035
50.385	-0.035	50.403	-0.035	50.423	-0.039	50.446	-0.047
50.470	-0.043	50.488	-0.048	50.507	-0.044	50.523	-0.048
50.541	-0.048	50.564	-0.052	50.589	-0.061	50.608	-0.057
50.625	-0.066	50.647	-0.062	50.676	-0.058	50.711	-0.054
50.731	-0.054	50.755	-0.054	50.782	-0.058	50.805	-0.057
50.831	-0.057	50.853	-0.056	50.878	-0.060	50.900	-0.064
50.919	-0.060	50.938	-0.063	50.961	-0.059	50.986	-0.055
51.011	-0.055	51.041	-0.054	51.070	-0.050	51.098	-0.049
51.130	-0.045	51.158	-0.040	51.188	-0.036	51.210	-0.031
51.234	-0.028	51.260	-0.024	51.286	-0.017	51.314	-0.021
51.337	-0.022	51.364	-0.022	51.388	-0.023	51.413	-0.023
51.433	-0.019	51.454	-0.019	51.472	-0.019	51.495	-0.011
51.516	-0.011	51.534	-0.011	51.556	-0.004	51.578	-0.011
51.596	-0.004	51.617	-0.003	51.645	0.001	51.673	0.001
51.657	0.002	51.727	0.002	51.762	0.003	51.790	0.003
51.813	-0.001	51.833	-0.001	51.862	-0.001	51.890	-0.001
51.917	0.007	51.946	0.011	51.982	0.010	52.011	0.014
52.038	0.018	52.065	0.018	52.089	0.014	52.109	0.014
52.142	0.027	52.171	0.019	52.194	0.012	52.218	0.013
52.244	0.014	52.280	0.007	52.325	0.012	52.360	0.021
52.396	0.018	52.431	0.023	52.461	0.027	52.487	0.024
52.510	0.020	52.540	0.029	52.566	0.026	52.594	0.022
52.613	0.023	52.634	0.015	52.657	0.019	52.684	0.011
52.704	0.007	52.728	0.007	52.756	0.002	52.777	-0.002
52.755	0.002	52.809	0.002	52.829	0.002	52.849	0.002
52.872	-0.006	52.905	-0.008	52.926	-0.003	52.958	-0.002
52.982	-0.001	53.006	-0.001	53.027	-0.001	53.047	-0.005
53.072	-0.009	53.097	-0.013	53.123	-0.018	53.144	-0.018
53.164	-0.018	53.185	-0.026	53.202	-0.026	53.230	-0.026
53.249	-0.030	53.273	-0.030	53.305	-0.030	53.343	-0.029
53.373	-0.029						

71-229 2/9/71 0600PST ANZA POST OFFICE STORAGE ROOM ANZA N45E

2025 PCINTS 42.518 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0427 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.016	0.033	-0.008	0.065	-0.004	0.096	-0.000	3.495	0.009	3.520	0.021	3.539	0.032	3.559	0.035	3.579	0.038
0.132	-0.000	0.164	0.012	0.186	0.012	0.209	0.012	3.580	0.027	3.600	0.006	3.623	-0.011	3.647	-0.012	3.670	-0.013
0.230	-0.008	0.254	-0.012	0.272	-0.000	0.293	0.012	3.666	-0.012	3.684	-0.013	3.718	0.014	3.748	0.015	3.778	0.016
0.315	-0.020	0.338	0.024	0.359	0.016	0.379	-0.004	3.773	0.056	3.794	0.051	3.819	0.018	3.847	-0.010	3.876	-0.011
0.399	-0.016	0.420	-0.015	0.442	-0.003	0.464	0.013	3.869	0.005	3.901	0.016	3.922	0.027	3.951	0.010	3.980	0.011
0.486	0.029	0.504	0.021	0.525	0.009	0.544	-0.003	3.976	-0.006	3.999	-0.023	4.024	-0.016	4.052	0.016	4.080	0.017
0.560	-0.003	0.580	-0.003	0.592	-0.003	0.608	0.005	4.075	0.043	4.099	0.047	4.118	0.023	4.141	0.015	4.164	0.016
0.632	0.005	0.652	0.005	0.673	0.012	0.692	0.012	4.163	0.015	4.186	0.015	4.209	0.019	4.233	0.022	4.256	0.023
0.707	0.012	0.728	0.012	0.745	0.012	0.768	0.008	4.248	0.022	4.272	0.022	4.298	0.002	4.322	-0.006	4.346	-0.007
0.788	0.004	0.804	-0.004	0.821	0.007	0.842	0.022	4.359	-0.018	4.382	-0.014	4.417	0.006	4.443	0.010	4.468	0.011
0.867	0.025	0.886	0.037	0.907	0.052	0.923	0.039	4.475	0.022	4.498	0.038	4.527	0.046	4.551	0.046	4.575	0.047
0.939	0.011	0.960	-0.014	0.976	-0.010	0.994	-0.007	4.575	0.038	4.600	0.018	4.624	-0.002	4.656	0.002	4.680	0.003
1.013	0.005	1.030	0.004	1.048	0.015	1.068	0.015	4.666	0.002	4.718	0.022	4.745	0.030	4.768	0.030	4.791	0.031
1.085	0.014	1.104	0.001	1.118	-0.011	1.137	-0.008	4.792	0.038	4.818	0.050	4.839	0.050	4.860	0.046	4.881	0.047
1.158	0.011	1.178	0.042	1.195	0.038	1.215	0.009	4.878	0.042	4.895	0.026	4.922	0.006	4.948	0.006	4.973	0.007
1.240	-0.012	1.256	-0.012	1.286	0.003	1.309	0.019	4.975	0.002	5.000	0.002	5.022	0.006	5.041	0.006	5.061	0.007
1.326	0.015	1.344	0.003	1.362	0.003	1.392	0.010	5.070	0.014	5.093	0.010	5.124	0.004	5.155	0.017	5.185	0.018
1.411	0.015	1.427	0.014	1.443	0.006	1.461	0.002	5.185	0.025	5.249	0.025	5.249	0.024	5.281	0.032	5.311	0.033
1.480	0.014	1.507	0.025	1.527	0.029	1.550	0.029	5.308	0.047	5.336	0.059	5.360	0.070	5.376	0.066	5.401	0.067
1.571	0.021	1.589	-0.005	1.612	-0.007	1.642	0.021	5.414	0.026	5.434	0.018	5.453	0.017	5.476	0.013	5.499	0.014
1.665	0.021	1.699	-0.007	1.720	-0.008	1.743	0.016	5.500	-0.015	5.519	-0.028	5.545	-0.032	5.566	-0.032	5.591	-0.033
1.764	0.004	1.783	0.000	1.802	-0.008	1.830	0.023	5.589	-0.033	5.612	-0.033	5.624	-0.033	5.652	0.014	5.674	0.015
1.851	0.035	1.873	0.030	1.895	0.022	1.919	0.010	5.684	0.053	5.710	0.077	5.736	0.032	5.767	0.020	5.797	0.009
1.937	0.005	1.956	0.001	1.977	0.001	1.994	0.012	5.791	0.020	5.809	0.019	5.835	0.019	5.875	0.034	5.915	0.049
2.020	0.004	2.041	0.012	2.064	0.015	2.090	0.019	5.904	0.030	5.933	0.025	5.966	0.025	5.985	0.024	6.009	0.025
2.116	0.018	2.144	0.018	2.172	0.013	2.199	0.037	6.009	0.020	6.036	0.058	6.059	0.003	6.086	-0.001	6.111	-0.002
2.223	0.040	2.246	0.028	2.262	0.012	2.287	0.004	6.114	-0.001	6.134	0.003	6.160	0.022	6.189	0.046	6.218	0.071
2.305	-0.001	2.326	-0.017	2.346	-0.025	2.372	-0.010	6.241	0.054	6.241	0.054	6.278	0.037	6.302	0.029	6.326	0.024
2.392	0.006	2.414	0.013	2.434	0.021	2.456	0.021	6.332	-0.031	6.365	0.017	6.356	0.052	6.425	0.064	6.459	0.079
2.479	0.016	2.502	0.008	2.532	0.020	2.554	0.043	6.458	0.068	6.482	0.068	6.508	0.048	6.534	0.059	6.560	0.060
2.578	0.039	2.604	0.035	2.628	0.019	2.649	0.034	6.560	0.035	6.580	0.035	6.613	-0.070	6.638	-0.023	6.664	-0.024
2.673	0.007	2.697	0.003	2.714	0.002	2.745	0.034	6.664	0.016	6.675	0.016	6.711	-0.017	6.741	-0.049	6.771	-0.081
2.764	0.026	2.780	0.010	2.797	0.002	2.822	0.010	6.770	-0.006	6.757	0.021	6.842	-0.052	6.868	-0.088	6.917	-0.120
2.849	0.006	2.875	0.002	2.898	0.002	2.928	0.009	6.859	-0.049	6.935	0.006	6.964	0.025	6.987	0.060	7.017	0.091
2.953	0.025	2.976	0.033	2.996	0.033	3.017	0.013	7.009	0.079	7.041	0.039	7.065	0.010	7.100	-0.006	7.130	-0.031
3.038	0.001	3.063	0.001	3.089	0.008	3.116	0.012	7.123	-0.014	7.144	-0.014	7.174	0.037	7.201	0.029	7.228	0.030
3.135	0.012	3.154	0.016	3.179	0.015	3.199	0.015	7.250	0.021	7.275	0.027	7.308	-0.059	7.338	-0.007	7.368	-0.037
3.220	0.003	3.244	0.010	3.277	0.022	3.297	0.026	7.366	0.045	7.402	0.069	7.430	0.109	7.464	0.021	7.494	0.051
3.313	0.009	3.335	0.008	3.356	0.008	3.376	0.007	7.459	-0.026	7.490	-0.034	7.518	0.050	7.547	0.080	7.577	0.110
3.413	0.023	3.436	0.030	3.456	0.026	3.477	0.010	7.534	-0.022	7.559	-0.030	7.589	0.137	7.619	0.066	7.649	0.096

7.764	0.042	7.792	0.105	7.819	0.109	7.840	0.113	12.230	0.177	12.240	0.189	12.250	0.185	12.259	0.177
7.867	0.030	7.890	-0.002	7.911	-0.038	7.940	0.002	12.273	0.153	12.285	0.113	12.298	0.066	12.309	0.222
7.967	0.046	7.983	0.050	8.013	-0.010	8.038	-0.066	12.326	-0.006	12.336	-0.034	12.345	-0.054	12.357	-0.070
8.084	0.038	8.119	0.070	8.153	0.022	8.185	-0.006	12.369	-0.050	12.381	-0.018	12.396	0.010	12.408	0.042
8.214	-0.066	8.237	0.002	8.268	0.070	8.297	0.101	12.422	0.054	12.436	0.066	12.449	0.034	12.463	0.010
8.336	0.054	8.377	-0.022	8.410	-0.054	8.428	-0.078	12.477	-0.022	12.487	-0.066	12.498	-0.086	12.509	-0.101
8.456	-0.133	8.476	-0.137	8.501	-0.093	8.526	-0.030	12.527	-0.093	12.540	-0.078	12.550	-0.066	12.562	-0.086
8.571	-0.070	8.599	0.006	8.635	0.085	8.667	0.089	12.576	-0.093	12.588	-0.113	12.599	-0.093	12.613	-0.066
8.713	0.109	8.755	0.022	8.780	0.034	8.815	0.038	12.625	0.007	12.634	0.041	12.640	0.057	12.649	0.076
8.852	-0.049	8.889	-0.133	8.919	-0.053	8.950	0.019	12.660	-0.048	12.672	0.068	12.681	-0.024	12.694	-0.072
8.990	-0.033	9.015	-0.065	9.059	0.110	9.095	0.214	12.705	-0.105	12.715	-0.125	12.729	-0.114	12.743	-0.087
9.131	0.155	9.165	0.087	9.208	0.056	9.237	-0.008	12.753	-0.050	12.764	-0.045	12.769	-0.029	12.781	-0.022
9.269	-0.035	9.292	0.027	9.335	0.001	9.375	-0.078	12.794	-0.015	12.807	0.001	12.820	-0.003	12.833	-0.004
9.408	-0.158	9.434	-0.158	9.463	-0.134	9.504	-0.030	12.845	-0.008	12.856	0.007	12.873	0.027	12.890	0.038
9.545	0.026	9.593	0.165	9.632	0.082	9.655	0.026	12.903	0.050	12.917	0.054	12.935	0.066	12.951	0.066
9.684	0.074	9.708	0.105	9.759	0.066	9.787	-0.038	12.961	0.070	12.976	0.070	12.995	0.070	13.024	0.079
9.836	-0.058	9.868	-0.082	9.900	-0.074	9.947	-0.030	13.032	0.055	13.044	0.103	13.058	0.079	13.074	0.052
9.981	-0.058	10.019	-0.062	10.039	-0.058	10.072	0.038	13.086	0.016	13.100	-0.004	13.109	-0.094	13.122	-0.051
10.100	0.197	10.123	0.288	10.143	0.229	10.164	0.097	13.131	-0.063	13.143	-0.083	13.156	-0.094	13.167	-0.054
10.189	-0.002	10.220	0.010	10.258	0.018	10.286	-0.030	13.184	-0.023	13.195	0.033	13.211	0.053	13.226	0.061
10.327	-0.101	10.360	-0.046	10.378	-0.022	10.410	-0.038	13.248	0.085	13.268	0.058	13.281	0.042	13.340	0.022
10.443	0.058	10.476	0.133	10.522	0.125	10.552	-0.022	13.306	0.050	13.317	0.042	13.330	0.042	13.340	0.022
10.578	-0.090	10.609	-0.082	10.638	-0.038	10.684	0.074	13.351	-0.018	13.360	-0.058	13.370	-0.090	13.379	-0.110
10.721	0.038	10.756	0.066	10.787	0.050	10.795	0.038	13.390	-0.134	13.405	-0.118	13.419	-0.086	13.431	-0.046
10.804	0.006	10.811	-0.038	10.817	-0.054	10.824	-0.078	13.443	-0.027	13.456	-0.023	13.472	-0.039	13.490	-0.067
10.829	-0.058	10.836	-0.106	10.842	-0.102	10.850	-0.070	13.499	-0.071	13.511	-0.076	13.525	-0.060	13.542	-0.025
10.858	-0.050	10.866	-0.011	10.872	0.009	10.882	0.029	13.558	-0.001	13.569	0.030	13.582	0.054	13.606	0.045
10.891	0.032	10.900	0.068	10.907	0.072	10.917	0.059	13.615	0.057	13.627	0.052	13.637	0.052	13.650	0.051
10.924	0.043	10.935	0.031	10.943	0.011	10.950	-0.001	13.665	0.079	13.680	0.110	13.689	0.129	13.695	0.137
10.957	-0.017	10.968	-0.021	10.978	-0.021	10.990	-0.014	13.708	0.113	13.723	0.052	13.739	0.056	13.753	0.028
11.000	-0.014	11.012	-0.010	11.022	-0.002	11.033	-0.006	13.765	-0.016	13.774	-0.044	13.793	-0.053	13.803	-0.057
11.047	-0.015	11.058	-0.023	11.067	-0.031	11.079	-0.039	13.814	-0.009	13.825	0.023	13.833	0.062	13.841	0.090
11.088	-0.032	11.097	-0.016	11.109	0.004	11.116	0.015	13.847	0.114	13.860	0.114	13.873	0.102	13.885	0.066
11.129	0.035	11.138	0.022	11.150	0.010	11.164	-0.011	13.898	0.038	13.906	0.010	13.926	-0.010	13.940	-0.026
11.177	-0.027	11.189	-0.048	11.203	-0.060	11.216	-0.068	13.958	-0.006	13.977	0.006	13.997	0.030	14.021	0.058
11.226	-0.057	11.238	-0.037	11.253	-0.017	11.266	0.010	14.042	0.058	14.055	0.058	14.072	0.051	14.090	0.067
11.274	0.018	11.280	0.030	11.289	-0.006	11.301	-0.022	14.103	-0.036	14.115	-0.036	14.124	-0.096	14.138	-0.119
11.312	-0.058	11.323	-0.090	11.332	-0.122	11.342	-0.142	14.146	-0.139	14.156	-0.151	14.168	-0.135	14.179	-0.083
11.352	-0.142	11.366	-0.103	11.378	-0.059	11.390	0.008	14.191	-0.047	14.204	-0.067	14.216	0.017	14.231	0.025
11.405	0.051	11.421	0.078	11.433	0.117	11.446	0.157	14.249	0.018	14.264	0.034	14.276	0.045	14.291	0.057
11.459	0.156	11.465	0.216	11.473	0.231	11.483	0.215	14.303	0.049	14.315	0.036	14.334	0.028	14.347	0.024
11.494	0.167	11.505	0.123	11.517	0.059	11.528	-0.005	14.362	0.012	14.377	-0.013	14.394	-0.025	14.411	-0.033
11.538	-0.045	11.550	-0.078	11.562	-0.058	11.574	-0.114	14.426	-0.050	14.443	-0.050	14.453	-0.054	14.467	-0.046
11.587	-0.134	11.600	-0.115	11.613	-0.087	11.625	-0.087	14.481	-0.030	14.490	-0.066	14.508	-0.002	14.533	0.002
11.636	-0.080	11.648	-0.080	11.662	-0.084	11.677	-0.100	14.549	0.006	14.563	0.002	14.575	0.002	14.591	-0.002
11.753	-0.092	11.770	-0.088	11.782	-0.084	11.796	-0.032	14.605	-0.002	14.618	0.010	14.649	0.026	14.664	0.022
11.808	0.028	11.817	0.096	11.825	0.128	11.834	0.156	14.675	0.006	14.776	0.022	14.796	0.034	14.814	0.038
11.840	0.177	11.858	0.158	11.875	0.139	11.890	0.140	14.832	0.058	14.846	0.050	14.858	0.034	14.871	0.022
11.901	0.152	11.911	0.169	11.921	0.133	11.937	0.070	14.892	0.034	14.906	0.058	14.935	0.074	14.955	0.105
11.948	0.015	11.956	-0.056	11.967	-0.103	11.975	-0.139	14.964	0.101	14.996	0.101	14.998	0.109	15.017	0.089
12.033	-0.022	12.044	0.002	12.054	0.010	12.068	-0.014	15.029	0.026	15.044	-0.030	15.057	-0.093	15.086	-0.121
12.084	-0.070	12.097	-0.121	12.106	-0.137	12.119	-0.149	15.109	-0.137	15.117	-0.149	15.137	-0.133	15.149	-0.113
12.137	-0.113	12.153	-0.046	12.172	0.014	12.181	0.074	15.166	-0.097	15.183	-0.113	15.199	-0.125	15.221	-0.133
12.190	0.109	12.198	0.129	12.207	0.149	12.217	0.165	15.235	-0.057	15.255	-0.062	15.271	-0.042	15.289	-0.006
								15.304	0.034	15.321	0.074	15.335	0.085	15.347	0.125



15.357	0.133	15.374	0.113	15.388	0.093	15.400	0.069	18.813	0.047	18.836	0.030	18.858	0.006	18.875	-0.011
15.418	0.073	15.433	0.061	15.448	0.057	15.457	0.045	18.892	-0.023	18.917	-0.035	18.925	-0.035	18.944	-0.035
15.474	0.025	15.490	0.021	15.508	0.028	15.525	0.036	18.965	-0.019	18.979	-0.020	18.994	0.016	19.008	0.036
15.543	0.047	15.556	0.059	15.568	0.071	15.582	0.055	19.025	-0.064	19.044	0.075	19.058	0.015	19.075	0.059
15.602	0.027	15.627	-0.025	15.640	-0.037	15.662	-0.054	19.089	0.031	19.103	0.003	19.117	-0.029	19.135	-0.013
15.682	-0.078	15.700	-0.082	15.717	-0.070	15.733	-0.082	19.153	-0.005	19.165	-0.001	19.179	-0.007	19.200	-0.010
15.746	-0.090	15.761	-0.097	15.778	-0.113	15.793	-0.125	19.215	-0.018	19.233	0.010	19.251	-0.011	19.269	-0.027
15.806	-0.125	15.825	-0.109	15.844	-0.066	15.860	-0.034	19.286	-0.039	19.301	-0.004	19.319	0.016	19.336	0.039
15.876	-0.010	15.890	0.006	15.908	0.014	15.931	0.022	19.350	0.047	19.368	0.066	19.384	0.078	19.395	0.090
15.957	0.026	15.973	0.022	15.989	0.010	16.007	0.010	19.413	0.065	19.428	0.045	19.447	0.068	19.457	0.016
16.025	0.022	16.031	0.026	16.039	0.050	16.050	0.058	19.471	-0.036	19.489	-0.061	19.503	-0.049	19.516	-0.006
16.088	0.050	16.087	0.022	16.095	0.006	16.108	-0.014	19.534	0.025	19.551	0.045	19.572	0.052	19.595	0.047
16.119	-0.022	16.131	-0.002	16.146	0.006	16.159	0.010	19.616	0.051	19.638	0.054	19.658	0.036	19.678	0.025
16.173	0.014	16.187	0.014	16.202	0.014	16.214	0.006	19.688	-0.007	19.707	-0.020	19.727	-0.024	19.745	-0.017
16.223	-0.022	16.236	-0.034	16.246	-0.054	16.260	-0.026	19.776	-0.022	19.791	-0.030	19.809	-0.039	19.827	-0.039
16.271	-0.002	16.282	0.018	16.258	0.030	16.309	0.050	19.843	-0.011	19.864	-0.008	19.879	-0.012	19.897	-0.013
16.323	0.070	16.332	0.062	16.349	0.050	16.362	0.030	19.915	-0.001	19.931	-0.003	19.946	0.007	19.964	-0.005
16.374	0.018	16.390	0.006	16.407	-0.006	16.425	-0.006	19.984	-0.005	20.000	-0.017	20.016	-0.029	20.031	-0.046
16.444	-0.006	16.455	-0.006	16.467	-0.002	16.479	0.010	20.051	-0.030	20.068	-0.022	20.090	-0.002	20.112	0.014
16.487	-0.002	16.505	-0.014	16.520	-0.034	16.528	-0.038	20.134	0.025	20.153	0.037	20.171	0.045	20.187	0.053
16.539	-0.042	16.551	-0.022	16.565	-0.002	16.579	0.010	20.205	0.057	20.222	0.068	20.238	0.044	20.256	0.024
16.590	0.018	16.609	0.006	16.622	-0.038	16.638	-0.066	20.271	0.012	20.289	0.020	20.304	0.027	20.322	0.019
16.647	-0.093	16.659	-0.113	16.675	-0.137	16.689	-0.101	20.343	-0.119	20.360	-0.053	20.377	-0.082	20.392	-0.114
16.702	-0.066	16.713	-0.026	16.723	0.026	16.734	0.066	20.409	-0.119	20.427	-0.111	20.447	-0.080	20.466	-0.049
16.760	0.050	16.770	0.038	16.786	0.030	16.803	0.026	20.484	-0.030	20.502	-0.003	20.516	0.012	20.531	0.007
16.811	0.030	16.823	0.046	16.832	0.058	16.844	0.082	20.547	0.006	20.567	0.005	20.583	-0.004	20.602	-0.013
16.855	0.093	16.869	0.105	16.882	0.085	16.898	0.038	20.619	0.003	20.639	0.011	20.660	0.022	20.678	0.026
16.908	0.022	16.923	-0.006	16.943	-0.042	16.963	-0.041	20.700	0.045	20.717	0.061	20.731	0.069	20.750	0.065
16.979	-0.053	17.003	-0.065	17.017	-0.080	17.026	-0.092	20.773	0.057	20.792	0.045	20.809	0.033	20.834	0.025
17.038	-0.108	17.051	-0.052	17.070	-0.056	17.087	-0.035	20.850	0.013	20.865	0.012	20.887	-0.012	20.902	-0.020
17.099	-0.003	17.120	0.029	17.136	0.053	17.154	0.073	20.917	-0.029	20.939	-0.045	20.950	-0.034	20.971	-0.022
17.176	0.081	17.192	0.061	17.207	0.030	17.215	0.002	20.992	-0.007	21.010	0.004	21.031	0.019	21.055	0.022
17.230	-0.014	17.241	-0.022	17.264	0.010	17.279	0.014	21.074	0.025	21.098	0.023	21.113	0.023	21.134	0.021
17.296	0.018	17.313	0.026	17.327	0.030	17.346	0.026	21.150	0.028	21.173	0.030	21.188	0.033	21.205	0.031
17.360	0.025	17.380	0.025	17.398	0.033	17.417	0.033	21.221	0.017	21.232	0.012	21.244	0.016	21.257	0.003
17.430	0.029	17.450	0.020	17.464	-0.012	17.488	-0.044	21.266	0.007	21.274	-0.001	21.286	-0.018	21.300	-0.037
17.500	-0.061	17.519	-0.085	17.534	-0.066	17.552	-0.078	21.306	-0.037	21.315	-0.037	21.332	-0.039	21.344	-0.046
17.574	-0.059	17.592	-0.039	17.603	-0.020	17.610	0.020	21.355	-0.045	21.365	-0.049	21.375	-0.047	21.390	-0.047
17.628	0.047	17.645	0.071	17.659	0.054	17.675	0.018	21.402	-0.046	21.416	-0.046	21.429	-0.045	21.440	-0.032
17.689	-0.007	17.703	-0.043	17.720	-0.059	17.738	-0.052	21.454	-0.016	21.466	0.009	21.474	0.021	21.483	0.021
17.753	-0.045	17.770	-0.037	17.789	-0.034	17.805	-0.023	21.500	0.025	21.515	0.017	21.528	0.009	21.545	0.011
17.828	0.008	17.846	0.031	17.865	0.038	17.889	0.061	21.558	-0.023	21.574	-0.039	21.586	-0.043	21.608	-0.047
17.910	0.084	17.936	0.083	17.959	0.076	17.977	0.060	21.625	-0.040	21.643	-0.036	21.657	-0.028	21.671	-0.028
17.996	0.044	18.019	0.036	18.035	0.021	18.055	0.009	21.684	-0.033	21.699	-0.041	21.707	-0.045	21.719	-0.045
18.074	-0.011	18.092	-0.026	18.109	-0.046	18.124	-0.074	21.732	-0.049	21.742	-0.045	21.751	-0.045	21.764	-0.037
18.145	-0.082	18.158	-0.105	18.176	-0.089	18.189	-0.054	21.777	-0.038	21.787	-0.034	21.802	-0.030	21.814	-0.022
18.203	-0.034	18.220	-0.011	18.238	0.004	18.249	-0.020	21.829	-0.014	21.843	-0.014	21.861	-0.010	21.875	-0.006
18.267	-0.056	18.277	-0.076	18.298	-0.085	18.312	-0.066	21.890	-0.002	21.902	0.006	21.912	0.006	21.926	0.014
18.327	-0.034	18.343	-0.015	18.363	0.013	18.381	0.028	21.939	0.001	21.950	-0.007	21.962	-0.015	21.977	-0.019
18.399	0.044	18.410	0.064	18.425	0.079	18.446	0.083	21.988	-0.015	22.006	-0.012	22.021	-0.013	22.037	-0.010
18.479	0.055	18.479	0.087	18.493	0.047	18.519	0.015	22.050	-0.002	22.067	-0.003	22.082	0.004	22.098	-0.000
18.529	0.011	18.540	-0.001	18.552	-0.008	18.562	0.016	22.114	0.003	22.131	0.007	22.146	0.011	22.163	0.010
18.578	0.028	18.588	0.032	18.600	0.052	18.615	0.044	22.180	0.010	22.197	0.010	22.215	0.002	22.227	-0.002
18.636	0.033	18.662	0.001	18.663	-0.019	18.675	-0.044	22.238	-0.022	22.249	-0.046	22.267	-0.058	22.288	-0.070
18.687	-0.063	18.702	-0.067	18.714	-0.075	18.724	-0.095	22.301	-0.078	22.323	-0.093	22.324	-0.093	22.343	-0.105
18.744	-0.087	18.757	-0.036	18.776	-0.000	18.801	0.035	22.358	-0.097	22.373	-0.062	22.390	-0.054	22.401	-0.046

22.412	-0.034	22.424	-0.022	22.439	-0.006	22.454	-0.006	27.649	0.009	27.661	0.009	27.676	-0.007	27.706	-0.024
22.466	-0.006	22.484	-0.026	22.502	-0.046	22.520	-0.062	27.722	-0.013	27.728	-0.009	27.739	0.002	27.764	-0.003
22.528	-0.066	22.550	-0.066	22.561	-0.046	22.582	-0.030	27.780	-0.013	27.785	-0.003	27.814	-0.044	27.826	-0.045
22.558	-0.030	22.618	-0.026	22.640	-0.022	22.660	-0.014	27.840	-0.045	27.860	-0.054	27.867	-0.054	27.892	-0.055
22.655	-0.010	22.701	-0.002	22.722	0.006	22.747	0.006	27.857	-0.060	27.907	-0.064	27.925	-0.054	27.938	-0.062
22.776	-0.014	22.788	-0.002	22.804	-0.026	22.821	0.038	27.954	-0.062	27.973	-0.059	27.994	-0.052	28.016	-0.041
22.858	-0.054	22.858	-0.054	22.882	-0.054	22.897	-0.042	28.026	-0.038	28.042	-0.019	28.072	-0.012	28.093	-0.013
22.919	-0.038	22.935	-0.026	22.967	-0.022	22.982	-0.034	28.115	-0.010	28.133	0.013	28.154	0.012	28.172	0.003
22.994	-0.038	23.023	-0.046	23.043	-0.050	23.072	-0.054	28.193	-0.014	28.219	-0.015	28.240	-0.016	28.258	-0.025
23.081	-0.054	23.103	-0.054	23.116	-0.054	23.131	-0.054	28.281	-0.033	28.300	-0.046	28.320	-0.066	28.342	-0.067
23.149	-0.046	23.174	-0.046	23.197	-0.038	23.222	-0.034	28.360	-0.067	28.376	-0.060	28.385	-0.044	28.405	-0.029
23.242	-0.022	23.269	-0.018	23.285	-0.014	23.309	-0.018	28.422	-0.021	28.446	-0.021	28.475	0.003	28.497	-0.021
23.331	-0.039	23.361	-0.049	23.368	-0.056	23.403	-0.052	28.514	-0.029	28.531	-0.037	28.569	-0.038	28.570	-0.034
23.431	-0.039	23.446	-0.026	23.461	-0.010	23.493	-0.016	28.589	-0.038	28.610	-0.030	28.636	-0.030	28.646	-0.022
23.524	-0.020	23.536	-0.012	23.561	-0.016	23.585	-0.028	28.663	-0.014	28.680	-0.006	28.698	-0.006	28.713	-0.010
23.600	0.013	23.619	-0.040	23.642	-0.009	23.659	0.006	28.729	-0.014	28.743	-0.014	28.760	-0.010	28.781	-0.010
23.772	-0.025	23.782	-0.045	23.812	-0.037	23.843	-0.026	28.800	-0.010	28.824	-0.014	28.848	-0.018	28.855	-0.022
23.858	-0.018	23.879	-0.018	23.904	-0.018	23.925	-0.018	28.871	-0.022	28.890	-0.018	28.905	-0.018	28.924	-0.022
23.942	-0.018	23.970	-0.022	23.997	-0.030	24.018	-0.030	28.936	-0.030	28.948	-0.038	28.964	-0.046	28.979	-0.046
24.044	-0.030	24.073	-0.022	24.091	-0.014	24.126	-0.014	28.995	-0.046	29.012	-0.046	29.032	-0.046	29.045	-0.046
24.142	-0.014	24.184	-0.014	24.192	-0.014	24.226	-0.014	29.063	-0.042	29.080	-0.038	29.090	-0.038	29.107	-0.034
24.247	-0.006	24.268	-0.006	24.300	0.002	24.320	-0.002	29.124	0.034	29.135	-0.022	29.151	-0.014	29.171	-0.002
24.347	-0.014	24.384	-0.022	24.395	-0.022	24.430	-0.030	29.188	0.002	29.204	-0.006	29.220	-0.014	29.240	-0.022
24.438	-0.030	24.477	-0.030	24.497	-0.026	24.512	-0.026	29.259	-0.022	29.278	-0.026	29.280	-0.018	29.298	-0.014
24.541	-0.026	24.559	-0.026	24.582	-0.022	24.588	-0.022	29.315	-0.014	29.336	-0.018	29.351	-0.014	29.366	-0.010
24.604	-0.022	24.632	-0.030	24.671	-0.030	24.698	-0.022	29.377	-0.002	29.392	-0.010	29.408	-0.010	29.429	-0.010
24.733	-0.022	24.758	-0.018	24.790	-0.010	24.816	-0.002	29.445	-0.010	29.466	-0.010	29.480	-0.018	29.489	-0.022
24.849	0.002	24.872	0.002	24.899	0.003	24.937	-0.005	29.504	-0.038	29.522	-0.034	29.539	-0.046	29.556	-0.038
24.959	-0.013	24.983	-0.012	25.017	-0.004	25.037	-0.003	29.582	-0.042	29.602	-0.042	29.617	-0.042	29.638	-0.042
25.068	-0.003	25.087	-0.012	25.108	-0.028	25.139	-0.032	29.663	-0.038	29.684	-0.034	29.703	-0.026	29.736	-0.022
25.160	-0.033	25.184	-0.025	25.215	-0.022	25.248	-0.015	29.757	-0.014	29.785	-0.010	29.805	-0.010	29.825	-0.014
25.278	-0.012	25.307	-0.001	25.335	-0.001	25.362	0.011	29.848	-0.014	29.865	-0.014	29.886	-0.014	29.912	-0.014
25.387	0.015	25.407	0.012	25.430	-0.004	25.455	-0.019	29.929	-0.014	29.957	-0.014	29.991	-0.014	30.012	-0.014
25.485	-0.023	25.508	-0.030	25.536	-0.030	25.562	-0.038	30.020	-0.014	30.035	-0.014	30.057	-0.014	30.094	-0.022
25.588	-0.038	25.624	-0.043	25.643	-0.035	25.680	-0.032	30.119	-0.022	30.147	-0.022	30.167	-0.022	30.192	-0.014
25.700	-0.024	25.731	-0.013	25.764	-0.013	25.797	-0.006	30.212	-0.014	30.234	-0.011	30.252	-0.011	30.274	-0.015
25.833	-0.003	25.849	-0.003	25.885	0.001	25.923	-0.028	30.289	-0.008	30.302	-0.024	30.316	-0.024	30.330	-0.048
25.928	-0.032	25.974	-0.040	25.984	-0.040	26.026	-0.036	30.342	-0.045	30.362	-0.042	30.379	-0.042	30.403	-0.051
26.061	-0.036	26.079	-0.044	26.092	-0.044	26.103	-0.040	30.423	-0.036	30.442	-0.041	30.456	-0.037	30.472	-0.034
26.120	-0.040	26.135	-0.032	26.149	-0.032	26.164	-0.031	30.451	-0.026	30.517	-0.023	30.540	-0.023	30.560	-0.020
26.180	-0.031	26.198	-0.027	26.223	-0.027	26.237	-0.035	30.581	-0.020	30.604	-0.016	30.629	-0.019	30.653	-0.027
26.251	-0.027	26.264	-0.011	26.288	-0.006	26.302	0.006	30.678	-0.031	30.701	-0.035	30.745	-0.046	30.758	-0.030
26.319	0.006	26.347	0.003	26.366	-0.001	26.385	-0.005	30.789	-0.030	30.803	-0.038	30.830	-0.042	30.867	-0.038
26.410	-0.013	26.450	-0.033	26.451	-0.033	26.476	-0.041	30.891	-0.046	30.917	-0.026	30.951	-0.014	30.971	-0.006
26.514	-0.038	26.534	-0.030	26.547	-0.022	26.578	-0.007	30.992	-0.006	31.013	-0.006	31.034	-0.002	31.060	0.010
26.588	-0.011	26.596	-0.023	26.627	-0.032	26.649	-0.040	31.080	0.010	31.104	0.010	31.128	0.014	31.146	0.026
26.668	-0.025	26.682	0.011	26.706	0.007	26.746	0.002	31.177	0.026	31.194	0.022	31.218	0.019	31.239	0.003
26.753	-0.006	26.795	-0.034	26.807	-0.038	26.837	-0.030	31.260	-0.039	31.287	-0.033	31.310	-0.032	31.334	-0.040
26.870	-0.038	26.906	-0.034	26.933	-0.030	26.962	-0.014	31.357	-0.039	31.384	-0.030	31.404	-0.033	31.420	-0.021
26.992	-0.014	27.021	-0.003	27.047	-0.011	27.081	-0.019	31.442	-0.020	31.465	-0.023	31.490	-0.022	31.505	-0.014
27.111	-0.011	27.142	-0.016	27.170	-0.028	27.201	-0.020	31.524	-0.025	31.542	-0.016	31.563	-0.012	31.583	-0.007
27.228	-0.008	27.253	-0.005	27.286	-0.009	27.311	-0.001	31.603	0.014	31.614	0.018	31.627	0.019	31.633	0.019
27.341	-0.010	27.369	-0.010	27.396	-0.014	27.445	-0.007	31.642	0.015	31.645	0.015	31.670	0.009	31.705	0.012
27.474	-0.015	27.501	-0.015	27.539	-0.008	27.572	-0.009	31.748	-0.008	31.778	-0.021	31.813	-0.020	31.847	-0.007
27.593	0.015	27.614	0.006	27.625	0.018	27.636	0.014	31.878	-0.013	31.912	0.001	31.944	-0.001	31.971	-0.002
								32.004	0.002	32.032	0.011	32.063	0.009	32.098	0.003

32.107	0.000	32.134	0.009	32.167	0.023	32.199	0.020	38.504	0.013	38.523	0.020	38.561	-0.001	38.588	0.015
32.223	0.023	32.251	0.022	32.274	0.006	32.289	-0.006	38.615	0.027	38.648	0.020	38.673	0.020	38.713	0.024
32.328	0.002	32.354	-0.010	32.389	-0.017	32.423	-0.024	38.736	0.008	38.762	-0.008	38.786	-0.004	38.824	-0.004
32.457	-0.010	32.487	-0.006	32.520	-0.009	32.548	-0.005	38.852	0.004	38.876	0.016	38.896	0.016	38.934	0.017
32.564	-0.001	32.614	0.006	32.642	0.002	32.665	-0.005	38.968	0.017	39.011	0.016	39.046	0.012	39.081	0.008
32.663	-0.005	32.718	-0.000	32.750	0.001	32.779	0.006	39.115	0.015	39.151	0.014	39.173	-0.002	39.197	-0.006
32.802	0.008	32.831	0.004	32.858	-0.003	32.884	-0.014	39.219	-0.001	39.256	0.015	39.292	0.016	39.325	0.012
32.909	-0.018	32.939	-0.017	32.970	-0.009	32.997	-0.008	39.354	0.008	39.385	0.009	39.418	0.009	39.440	0.005
33.030	0.002	33.064	0.020	33.092	0.021	33.131	0.034	39.465	-0.003	39.493	0.000	39.534	0.012	39.554	0.016
33.163	0.038	33.196	0.021	33.226	0.004	33.261	0.003	39.589	0.013	39.618	0.018	39.660	0.019	39.686	0.012
33.300	0.010	33.335	0.009	33.355	-0.007	33.375	-0.015	39.715	0.017	39.745	0.011	39.772	0.008	39.799	0.008
33.402	-0.032	33.440	-0.028	33.472	-0.032	33.494	-0.040	39.823	0.007	39.845	0.003	39.877	-0.001	39.904	-0.018
33.518	-0.032	33.554	-0.016	33.577	-0.004	33.605	0.005	39.935	-0.019	39.975	-0.012	40.001	-0.011	40.026	-0.002
33.635	0.006	33.665	-0.001	33.685	0.019	33.714	0.013	40.069	0.015	40.096	0.020	40.125	0.026	40.154	0.023
33.747	0.002	33.776	0.019	33.804	0.011	33.830	0.002	40.170	0.016	40.204	0.014	40.224	0.002	40.251	-0.005
33.854	0.002	33.889	-0.002	33.914	-0.003	33.938	-0.011	40.286	0.008	40.311	0.016	40.345	0.016	40.350	0.008
33.961	-0.018	34.000	-0.009	34.034	-0.004	34.076	0.001	40.411	0.000	40.443	0.012	40.464	0.004	40.485	-0.003
34.112	0.006	34.145	0.007	34.186	-0.004	34.215	-0.005	40.507	-0.004	40.549	0.012	40.581	0.011	40.613	-0.002
34.246	-0.013	34.271	-0.012	34.312	-0.007	34.351	-0.015	40.647	-0.004	40.671	-0.005	40.704	-0.008	40.727	-0.013
34.391	0.005	34.413	0.002	34.447	-0.000	34.485	0.006	40.755	-0.013	40.786	-0.013	40.809	-0.012	40.827	-0.020
34.538	0.017	34.572	0.014	34.609	0.017	34.642	0.009	40.847	-0.031	40.877	-0.033	40.916	-0.027	40.946	-0.025
34.680	0.004	34.717	0.003	34.757	0.010	34.797	0.009	40.976	-0.024	41.005	-0.026	41.026	-0.021	41.062	-0.015
34.825	0.013	34.851	0.014	34.879	0.004	34.906	0.005	41.079	0.001	41.102	0.002	41.130	0.006	41.154	0.011
34.931	0.013	34.972	0.022	34.993	0.022	35.025	0.029	41.175	0.018	41.192	0.022	41.217	0.018	41.234	-0.006
35.051	0.016	35.076	0.008	35.108	0.009	35.148	0.014	41.264	-0.000	41.300	0.005	41.329	0.006	41.357	-0.004
35.175	0.011	35.203	0.001	35.228	-0.010	35.253	-0.016	41.396	-0.008	41.429	-0.005	41.450	0.003	41.475	0.004
35.276	-0.018	35.302	-0.012	35.329	-0.001	35.355	0.017	41.506	-0.004	41.533	-0.003	41.560	-0.009	41.594	-0.015
35.383	0.019	35.413	0.021	35.441	0.031	35.467	0.033	41.615	-0.002	41.651	0.005	41.661	0.005	41.687	0.019
35.493	0.033	35.522	0.024	35.551	0.019	35.580	0.022	41.696	0.016	41.723	0.001	41.757	-0.006	41.789	0.012
35.612	0.023	35.634	0.012	35.658	0.003	35.678	0.003	41.828	-0.005	41.865	0.009	41.885	0.015	41.915	0.016
35.707	0.011	35.736	0.016	35.762	0.021	35.787	0.018	41.947	0.011	41.967	0.003	41.990	0.002	42.025	-0.007
35.819	0.015	35.845	0.016	35.875	0.024	35.908	0.033	42.061	-0.005	42.090	0.002	42.129	0.008	42.178	0.010
35.943	0.030	35.971	0.035	35.990	0.044	36.020	0.045	42.213	0.009	42.240	0.012	42.286	0.007	42.318	0.014
36.045	0.038	36.071	0.031	36.098	0.036	36.132	0.033	42.344	0.013	42.372	0.001	42.430	0.008	42.477	0.028
36.178	0.034	36.216	0.032	36.250	0.030	36.282	0.030	42.518	0.032						
36.320	0.031	36.351	0.031	36.386	0.036	36.411	0.037								
36.432	0.037	36.455	0.027	36.474	0.027	36.498	0.025								
36.515	0.025	36.535	0.040	36.551	0.016	36.577	0.012								
36.606	0.011	36.636	0.006	36.664	0.002	36.699	0.005								
36.725	0.025	36.745	0.032	36.763	0.024	36.788	0.012								
36.819	0.019	36.848	0.034	36.880	0.029	36.900	0.025								
36.922	0.016	36.958	0.020	37.001	0.017	37.026	0.021								
37.062	0.018	37.085	0.027	37.114	0.021	37.143	0.011								
37.172	-0.002	37.204	-0.006	37.229	0.012	37.255	0.024								
37.275	0.026	37.296	0.015	37.315	0.004	37.351	0.005								
37.375	-0.004	37.391	0.007	37.416	-0.002	37.444	-0.010								
37.473	-0.011	37.496	-0.003	37.524	-0.002	37.543	-0.013								
37.565	-0.009	37.584	-0.005	37.616	0.004	37.638	-0.008								
37.668	-0.008	37.696	-0.004	37.723	-0.004	37.740	0.008								
37.753	0.024	37.764	0.020	37.794	0.021	37.824	0.010								
37.846	-0.004	37.872	-0.003	37.900	0.012	37.914	0.016								
37.940	0.015	37.968	0.018	37.996	0.017	38.024	0.014								
38.057	0.011	38.086	-0.003	38.114	-0.013	38.145	-0.003								
38.174	0.003	38.203	0.000	38.225	-0.003	38.250	-0.006								
38.285	-0.008	38.315	-0.006	38.346	0.009	38.376	0.008								
38.403	0.014	38.430	0.021	38.444	0.029	38.477	0.020								

71.229 2/9/71 0600PST ANZA POST OFFICE STORAGE ROOM ANZA N45W

2510 POINTS 42.530 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANECUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, 6/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0593 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.000	0.017	-0.009	0.033	-0.002	0.047	0.006	2.236	0.046	2.251	0.041	2.268	0.040	2.285	0.036	2.302	0.032
0.063	0.017	0.076	0.028	0.092	0.040	0.106	0.035	2.297	0.035	2.312	0.039	2.326	0.038	2.340	0.026	2.354	0.022
0.117	0.035	0.129	0.027	0.141	0.015	0.155	0.008	2.355	0.017	2.371	0.009	2.383	0.008	2.396	-0.001	2.408	-0.005
0.164	-0.000	0.178	0.000	0.196	0.005	0.209	0.009	2.410	-0.003	2.425	-0.014	2.440	-0.028	2.452	-0.011	2.464	-0.015
0.223	0.020	0.238	0.024	0.252	0.032	0.264	0.039	2.466	0.003	2.479	0.016	2.490	0.028	2.504	0.032	2.516	0.036
0.277	0.039	0.290	0.039	0.304	0.035	0.318	0.039	2.518	0.032	2.530	0.043	2.543	0.039	2.556	0.035	2.568	0.031
0.333	0.043	0.349	0.043	0.362	0.047	0.379	0.051	2.577	0.035	2.588	0.039	2.598	0.039	2.609	0.039	2.619	0.039
0.392	0.047	0.403	0.043	0.412	0.035	0.424	0.015	2.623	0.039	2.638	0.023	2.652	0.027	2.667	0.031	2.679	0.034
0.435	0.003	0.452	-0.001	0.469	-0.001	0.475	-0.001	2.682	0.035	2.693	0.035	2.704	0.034	2.719	0.034	2.729	0.034
0.491	-0.005	0.502	-0.001	0.513	0.007	0.529	0.011	2.736	0.034	2.752	0.030	2.765	0.026	2.776	0.018	2.786	0.018
0.544	0.019	0.555	0.022	0.569	0.034	0.582	0.034	2.793	0.017	2.807	0.017	2.820	0.021	2.832	0.033	2.843	0.033
0.595	0.025	0.602	0.033	0.610	0.037	0.623	0.032	2.843	0.032	2.855	0.024	2.868	0.012	2.880	-0.000	2.891	-0.000
0.633	0.020	0.646	0.012	0.659	0.019	0.669	0.035	2.894	-0.012	2.902	-0.016	2.911	-0.013	2.925	-0.005	2.935	-0.005
0.680	0.035	0.692	0.039	0.705	0.038	0.718	0.022	2.935	0.007	2.947	0.015	2.958	0.031	2.974	0.031	2.984	0.031
0.726	0.118	0.739	0.066	0.752	-0.015	0.764	-0.015	2.985	0.023	3.004	0.024	3.025	0.028	3.041	0.029	3.056	0.029
0.778	-0.012	0.796	0.011	0.816	0.033	0.837	0.024	3.056	0.033	3.071	0.038	3.088	0.034	3.100	0.043	3.112	0.043
0.857	0.031	0.872	0.043	0.887	0.034	0.901	0.026	3.112	0.043	3.127	0.032	3.143	0.035	3.156	0.030	3.168	0.030
0.918	0.029	0.932	0.036	0.958	0.032	0.973	0.015	3.168	0.025	3.183	0.021	3.196	0.008	3.210	-0.001	3.222	-0.001
0.988	0.011	1.005	0.003	1.016	-0.010	1.031	-0.014	3.226	-0.003	3.241	-0.008	3.258	-0.009	3.274	0.017	3.286	0.017
1.043	-0.022	1.060	-0.015	1.070	-0.007	1.085	0.009	3.290	0.039	3.304	0.047	3.319	0.054	3.340	0.046	3.354	0.046
1.098	0.020	1.112	0.032	1.122	0.024	1.134	0.012	3.354	0.034	3.369	0.018	3.382	0.002	3.400	-0.002	3.414	-0.002
1.150	0.008	1.162	0.011	1.179	0.015	1.197	0.019	3.418	-0.006								

4.595	0.047	4.609	0.051	4.625	0.039	4.638	0.031	7.758	0.125	7.767	0.153	7.775	0.173	7.784	0.161
4.649	0.027	4.651	0.023	4.659	0.023	4.670	0.023	7.758	0.114	7.807	0.058	7.816	0.002	7.827	-0.053
4.686	0.035	4.696	0.039	4.706	0.031	4.717	0.067	7.838	-0.089	7.850	-0.117	7.859	-0.133	7.873	-0.105
4.726	0.070	4.736	0.051	4.749	0.031	4.763	0.015	7.850	-0.025	7.904	0.047	7.916	0.098	7.925	0.130
4.770	-0.021	4.778	-0.009	4.793	-0.017	4.806	-0.029	7.937	0.166	7.947	0.110	7.958	0.158	7.971	0.110
4.819	-0.029	4.834	-0.030	4.845	-0.022	4.858	-0.018	7.984	0.055	7.996	0.015	8.005	-0.033	8.016	-0.041
4.882	-0.014	4.887	-0.006	4.902	-0.007	4.918	-0.003	8.025	-0.069	8.034	-0.015	8.047	-0.025	8.059	0.007
4.931	-0.003	4.944	-0.008	4.956	-0.008	4.969	-0.008	8.067	0.055	8.076	0.019	8.086	0.103	8.094	0.111
4.982	-0.012	4.993	-0.013	5.002	-0.017	5.020	-0.013	8.102	0.091	8.114	0.051	8.125	-0.024	8.135	-0.072
5.033	0.010	5.043	0.010	5.056	0.009	5.070	0.017	8.143	-0.151	8.152	-0.115	8.163	-0.207	8.175	-0.187
5.085	0.017	5.100	0.020	5.118	0.031	5.135	0.035	8.188	-0.131	8.198	-0.063	8.213	-0.035	8.224	0.041
5.149	0.035	5.167	0.042	5.179	0.042	5.192	0.045	8.233	0.088	8.243	0.108	8.256	0.140	8.264	0.137
5.205	0.045	5.219	0.049	5.232	0.056	5.245	0.048	8.279	0.109	8.291	0.103	8.305	0.042	8.322	-0.018
5.269	0.036	5.281	0.028	5.298	0.016	5.312	0.011	8.337	-0.069	8.345	-0.105	8.356	-0.133	8.371	-0.129
5.327	0.003	5.342	-0.009	5.358	0.007	5.368	0.011	8.384	-0.077	8.396	0.007	8.407	0.063	8.420	0.106
5.384	0.011	5.400	0.015	5.419	0.011	5.430	-0.001	8.430	0.166	8.443	0.212	8.455	0.234	8.472	0.230
5.447	-0.005	5.455	0.007	5.472	0.007	5.483	0.015	8.489	0.222	8.506	0.210	8.527	0.202	8.541	0.190
5.497	0.019	5.510	0.023	5.524	0.015	5.545	0.011	8.553	0.150	8.565	0.106	8.575	0.047	8.595	0.007
5.555	0.019	5.573	0.026	5.584	0.030	5.598	0.034	8.607	-0.045	8.620	-0.105	8.631	-0.160	8.643	-0.200
5.608	0.042	5.617	0.034	5.634	0.030	5.647	0.038	8.652	-0.236	8.663	-0.212	8.672	-0.291	8.684	-0.299
5.662	0.050	5.672	0.061	5.686	0.069	5.700	0.064	8.695	-0.280	8.710	-0.212	8.724	-0.176	8.738	-0.124
5.714	0.040	5.729	0.020	5.743	0.008	5.758	-0.005	8.752	-0.057	8.773	0.003	8.807	0.039	8.814	0.074
5.775	-0.005	5.798	-0.006	5.805	-0.006	5.825	0.001	8.831	0.122	8.842	0.126	8.854	0.103	8.869	0.075
5.839	-0.003	5.857	-0.008	5.870	-0.008	5.886	-0.009	8.881	0.035	8.895	0.027	8.913	0.059	8.932	0.091
5.900	-0.005	5.915	-0.006	5.927	-0.006	5.943	-0.006	8.950	0.127	8.958	0.143	8.967	0.151	8.982	0.136
5.958	0.001	5.972	0.025	5.987	0.044	5.996	0.036	8.958	0.104	9.031	0.060	9.056	0.076	9.109	0.088
6.007	0.076	6.020	0.068	6.038	0.052	6.056	0.036	9.068	0.049	9.083	0.072	9.091	0.048	9.109	0.088
6.074	-0.000	6.088	-0.060	6.102	-0.064	6.126	-0.072	9.122	0.072	9.140	0.000	9.150	-0.063	9.164	-0.091
6.133	-0.072	6.147	-0.072	6.162	-0.072	6.175	-0.044	9.182	-0.151	9.195	-0.155	9.213	-0.155	9.230	-0.191
6.193	0.000	6.214	0.012	6.219	0.028	6.234	0.048	9.239	-0.167	9.253	-0.183	9.260	-0.195	9.274	-0.191
6.254	0.072	6.267	0.084	6.279	0.072	6.294	0.037	9.284	-0.183	9.294	-0.112	9.302	-0.048	9.310	0.008
6.310	0.013	6.324	-0.011	6.344	-0.019	6.359	-0.023	9.320	0.060	9.338	0.123	9.335	0.163	9.346	0.207
6.372	-0.015	6.388	-0.007	6.406	0.017	6.419	0.037	9.358	0.247	9.369	0.271	9.380	0.279	9.392	0.283
6.436	0.037	6.451	0.045	6.466	0.053	6.478	0.049	9.401	0.287	9.413	0.283	9.426	0.288	9.439	0.224
6.491	0.033	6.513	0.029	6.533	0.018	6.551	0.014	9.452	0.157	9.463	0.101	9.475	0.018	9.487	-0.026
6.565	0.010	6.587	0.010	6.613	-0.002	6.623	-0.018	9.455	-0.062	9.510	-0.121	9.525	-0.145	9.536	-0.157
6.638	-0.025	6.650	-0.029	6.664	-0.045	6.678	-0.045	9.550	-0.141	9.561	-0.113	9.576	-0.085	9.590	-0.073
6.693	-0.041	6.705	-0.041	6.722	-0.041	6.739	-0.041	9.604	-0.081	9.617	-0.112	9.627	-0.148	9.637	-0.172
6.754	-0.029	6.772	-0.025	6.792	-0.013	6.809	-0.013	9.653	-0.180	9.669	-0.124	9.673	-0.089	9.688	-0.029
6.826	-0.001	6.841	0.007	6.861	0.003	6.878	0.003	9.659	0.007	9.711	0.035	9.732	0.019	9.751	-0.005
6.855	0.007	6.913	0.039	6.928	0.063	6.943	0.110	9.784	-0.017	9.781	-0.001	9.799	0.051	9.818	0.091
6.957	0.122	6.965	0.126	6.972	0.130	6.984	0.118	9.838	0.107	9.854	0.135	9.866	0.155	9.881	0.164
6.999	0.067	7.013	0.035	7.024	-0.013	7.038	-0.025	9.856	0.176	9.909	0.168	9.932	0.121	9.947	0.070
7.053	-0.001	7.071	0.031	7.088	0.055	7.102	0.078	9.967	0.007	9.975	-0.056	9.986	-0.076	10.004	-0.146
7.119	0.082	7.133	0.074	7.151	0.039	7.164	-0.001	10.021	-0.165	10.040	-0.176	10.062	-0.211	10.081	-0.242
7.178	-0.009	7.195	-0.029	7.210	-0.041	7.228	-0.057	10.108	-0.257	10.124	-0.260	10.142	-0.224	10.159	-0.168
7.248	-0.069	7.264	-0.105	7.282	-0.105	7.292	-0.105	10.114	-0.116	10.185	-0.063	10.206	0.017	10.217	0.101
7.298	-0.085	7.312	-0.057	7.329	-0.025	7.348	-0.009	10.227	0.116	10.237	0.209	10.246	0.261	10.257	0.288
7.370	0.039	7.390	0.055	7.405	0.070	7.424	0.067	10.268	0.308	10.280	0.289	10.297	0.225	10.309	0.162
7.446	0.067	7.460	0.087	7.475	0.091	7.486	0.131	10.322	0.050	10.333	0.042	10.348	0.015	10.367	0.015
7.499	0.151	7.507	0.159	7.520	0.127	7.538	0.087	10.392	0.027	10.407	0.023	10.425	0.023	10.438	0.039
7.552	0.036	7.567	-0.040	7.575	-0.060	7.582	-0.076	10.451	0.052	10.458	0.064	10.470	0.040	10.483	-0.015
7.587	-0.088	7.598	-0.071	7.614	-0.043	7.625	-0.008	10.493	-0.039	10.506	-0.066	10.515	-0.102	10.532	-0.133
7.632	0.005	7.642	0.021	7.653	-0.011	7.669	-0.055	10.546	-0.152	10.558	-0.119	10.572	-0.082	10.586	-0.029
7.679	-0.086	7.688	-0.126	7.703	-0.134	7.715	-0.094	10.596	-0.000	10.607	0.033	10.620	0.070	10.630	0.094
7.722	-0.078	7.734	-0.042	7.744	0.058	7.752	0.101	10.639	0.107	10.648	0.120	10.657	0.109	10.668	0.090

10.682	0.025	10.694	-0.040	10.705	-0.086	10.713	-0.096	13.168	-0.090	13.176	-0.070	13.194	-0.047	13.205	-0.044
10.720	-0.115	10.733	-0.128	10.745	-0.118	10.757	-0.057	13.228	-0.036	13.233	-0.036	13.251	-0.049	13.258	-0.053
10.764	0.008	10.772	0.073	10.780	0.090	10.784	0.138	13.275	-0.030	13.309	0.048	13.329	0.032	13.332	0.028
10.788	0.151	10.791	0.163	10.792	0.171	10.794	0.168	13.344	0.044	13.350	0.048	13.363	0.032	13.379	0.004
10.801	0.173	10.810	0.165	10.816	0.154	10.824	0.130	13.397	-0.044	13.414	-0.076	13.422	-0.060	13.447	-0.016
10.833	0.054	10.839	0.042	10.846	0.006	10.851	-0.038	13.461	-0.024	13.475	-0.024	13.493	-0.024	13.508	-0.035
10.857	-0.028	10.863	-0.133	10.869	-0.162	10.875	-0.214	13.529	-0.027	13.538	-0.018	13.552	0.006	13.572	0.054
10.881	-0.238	10.887	-0.254	10.896	-0.247	10.911	-0.227	13.580	0.098	13.600	0.134	13.615	0.158	13.625	0.183
10.917	-0.195	10.926	-0.172	10.935	-0.152	10.941	-0.144	13.645	0.083	13.667	0.180	13.689	0.141	13.701	0.117
10.957	-0.132	10.969	-0.132	10.983	-0.112	10.997	-0.105	13.712	0.082	13.727	0.022	13.729	0.003	13.743	-0.045
11.010	-0.045	11.019	-0.017	11.028	-0.001	11.041	0.070	13.750	-0.064	13.765	-0.112	13.779	-0.127	13.802	-0.123
11.049	0.134	11.059	0.158	11.070	0.186	11.077	0.202	13.821	-0.103	13.837	-0.067	13.852	-0.043	13.870	-0.039
11.088	0.202	11.098	0.194	11.110	0.170	11.123	0.134	13.896	-0.043	13.931	-0.075	13.943	-0.071	13.967	-0.079
11.137	0.106	11.146	0.067	11.157	0.039	11.164	0.003	13.974	-0.079	13.952	-0.079	14.017	-0.048	14.030	-0.009
11.180	-0.025	11.187	-0.041	11.195	0.002	11.210	0.050	14.051	0.019	14.071	0.022	14.089	0.014	14.106	0.009
11.216	0.102	11.224	0.129	11.232	0.181	11.242	0.205	14.124	0.005	14.132	0.005	14.156	0.024	14.160	0.036
11.253	0.221	11.262	0.209	11.271	0.177	11.280	0.141	14.185	0.056	14.193	0.067	14.215	0.075	14.229	0.067
11.252	0.659	11.300	0.005	11.307	-0.051	11.321	-0.099	14.249	0.059	14.265	0.043	14.288	0.050	14.310	0.050
11.335	-0.115	11.352	-0.123	11.369	-0.116	11.384	-0.100	14.321	-0.046	14.329	0.034	14.349	-0.006	14.368	-0.022
11.395	-0.056	11.411	-0.024	11.430	0.011	11.440	0.067	14.385	-0.022	14.388	0.002	14.407	0.021	14.429	0.033
11.448	0.095	11.455	0.098	11.468	0.071	11.480	0.023	14.438	0.045	14.449	0.013	14.464	-0.023	14.476	-0.067
11.456	-0.029	11.506	-0.109	11.517	-0.172	11.532	-0.232	14.490	-0.079	14.501	-0.055	14.515	-0.052	14.531	-0.008
11.538	-0.287	11.547	-0.323	11.557	-0.339	11.567	-0.307	14.550	-0.023	14.565	0.043	14.581	0.063	14.602	0.079
11.576	-0.256	11.587	-0.192	11.593	-0.077	11.602	0.014	14.628	0.063	14.632	0.063	14.658	0.059	14.675	0.067
11.608	0.086	11.616	0.213	11.622	0.253	11.632	0.328	14.700	0.059	14.713	0.047	14.721	-0.001	14.742	-0.047
11.640	0.332	11.651	0.372	11.658	0.360	11.669	0.308	14.753	-0.112	14.765	-0.120	14.783	-0.105	14.787	-0.089
11.676	0.220	11.683	0.165	11.691	0.097	11.698	0.029	14.793	-0.081	14.805	-0.073	14.819	-0.073	14.834	-0.085
11.707	-0.019	11.715	-0.091	11.722	-0.134	11.733	-0.174	14.849	-0.101	14.857	-0.105	14.870	-0.121	14.888	-0.065
11.742	-0.194	11.756	-0.199	11.771	-0.171	11.783	-0.143	14.893	-0.034	14.895	-0.002	14.909	-0.050	14.917	-0.086
11.803	-0.103	11.814	-0.075	11.826	-0.039	11.841	0.012	14.922	0.117	14.935	0.173	14.942	0.193	14.956	0.200
11.857	0.176	11.866	0.076	11.879	0.132	11.889	0.152	14.968	0.149	14.978	0.117	14.987	0.089	14.997	0.025
11.936	0.134	11.905	0.196	11.920	0.209	11.925	0.185	15.003	-0.019	15.010	-0.063	15.016	-0.091	15.025	-0.107
11.969	-0.056	11.945	-0.082	11.955	-0.043	11.966	-0.020	15.027	-0.127	15.047	-0.147	15.062	-0.151	15.080	-0.139
12.018	0.017	12.028	0.045	12.035	-0.035	12.044	-0.019	15.089	-0.116	15.103	-0.064	15.121	-0.052	15.132	-0.020
12.058	0.017	12.073	-0.019	12.081	-0.054	12.097	-0.074	15.155	0.027	15.170	0.039	15.177	0.051	15.189	0.071
12.115	-0.066	12.131	-0.010	12.146	0.010	12.158	0.061	15.209	0.059	15.238	0.055	15.263	0.047	15.269	0.035
12.169	0.061	12.176	0.093	12.189	0.120	12.200	0.128	15.291	0.027	15.314	0.051	15.328	0.063	15.340	0.074
12.212	0.104	12.228	0.076	12.237	0.028	12.253	-0.020	15.356	0.074	15.362	0.067	15.374	0.047	15.403	0.003
12.271	-0.100	12.278	-0.116	12.295	-0.144	12.304	-0.164	15.422	-0.021	15.445	-0.049	15.467	-0.076	15.480	-0.092
12.312	-0.188	12.324	-0.200	12.335	-0.164	12.355	-0.089	15.458	-0.112	15.515	-0.152	15.518	-0.159	15.541	-0.167
12.363	-0.021	12.375	0.030	12.386	0.078	12.399	0.117	15.557	-0.143	15.567	-0.075	15.586	-0.059	15.598	-0.043
12.424	0.129	12.433	0.121	12.448	0.084	12.463	0.024	15.609	-0.043	15.624	-0.054	15.638	-0.062	15.657	-0.050
12.469	-0.015	12.478	-0.091	12.486	-0.115	12.489	-0.123	15.667	-0.022	15.685	0.014	15.696	0.078	15.709	0.125
12.500	-0.136	12.507	-0.100	12.524	-0.049	12.536	-0.005	15.720	0.157	15.731	0.169	15.744	0.158	15.764	0.102
12.547	0.046	12.561	0.090	12.573	0.113	12.590	0.117	15.774	0.074	15.755	0.019	15.800	-0.017	15.822	-0.045
12.603	0.117	12.623	0.120	12.649	0.120	12.665	0.079	15.830	-0.049	15.851	-0.037	15.871	-0.033	15.892	-0.013
12.674	0.052	12.685	0.036	12.696	0.004	12.706	-0.020	15.900	-0.005	15.919	0.015	15.929	0.039	15.941	0.059
12.716	-0.032	12.732	-0.032	12.746	-0.013	12.759	-0.005	16.024	0.070	16.025	0.070	16.047	0.035	16.059	0.011
12.767	0.003	12.779	-0.001	12.799	-0.017	12.811	-0.025	16.076	0.003	16.059	-0.025	16.108	-0.053	16.109	-0.053
12.827	-0.053	12.842	-0.061	12.856	-0.069	12.872	-0.069	16.126	-0.053	16.143	-0.112	16.164	-0.112	16.184	-0.105
12.888	-0.077	12.897	-0.081	12.911	-0.081	12.926	-0.073	16.164	-0.053	16.228	-0.073	16.246	-0.069	16.271	-0.061
12.944	-0.061	12.949	-0.041	12.965	-0.002	12.979	0.046	16.277	-0.057	16.301	-0.065	16.324	-0.077	16.335	-0.077
12.984	0.082	12.999	0.105	13.019	0.145	13.027	0.161	16.351	-0.077	16.364	-0.067	16.382	-0.077	16.398	-0.081
13.057	0.140	13.066	0.077	13.085	0.036	13.095	-0.032	16.409	-0.093	16.437	-0.061	16.437	-0.037	16.452	-0.021
13.108	-0.048	13.123	-0.068	13.124	-0.068	13.143	-0.077	16.470	0.007	16.487	0.023	16.512	0.047	16.522	0.070

16.550	0.086	16.571	0.086	16.583	0.078	16.599	0.086	20.479	-0.050	20.501	-0.042	20.527	-0.034	20.550	-0.022
16.617	0.090	16.633	0.102	16.647	0.106	16.651	0.106	20.573	-0.011	20.598	-0.005	20.614	0.013	20.633	0.017
16.675	0.110	16.690	0.098	16.712	0.055	16.723	0.019	20.653	0.021	20.670	0.020	20.717	0.012	20.717	0.004
16.735	0.003	16.752	-0.049	16.759	-0.061	16.769	-0.089	20.735	-0.004	20.753	-0.000	20.774	-0.001	20.797	-0.001
16.780	-0.116	16.789	-0.120	16.808	-0.128	16.814	-0.120	20.820	-0.010	20.833	-0.002	20.857	-0.015	20.876	-0.019
16.827	-0.069	16.844	-0.029	16.862	0.007	16.868	0.039	20.899	-0.020	20.920	-0.016	20.939	-0.021	20.959	-0.021
16.884	0.023	16.906	-0.025	16.920	-0.035	16.933	-0.077	20.975	-0.039	20.996	-0.029	21.009	-0.029	21.018	-0.029
16.953	-0.101	16.971	-0.101	16.995	-0.077	17.010	-0.061	21.026	-0.029	21.049	-0.029	21.081	-0.009	21.097	-0.001
17.033	-0.029	17.064	0.007	17.071	0.023	17.100	0.015	21.063	-0.029	21.071	-0.025	21.081	-0.009	21.097	-0.001
17.119	0.007	17.119	0.007	17.151	0.007	17.169	0.007	21.102	0.011	21.111	0.023	21.118	0.031	21.127	0.035
17.198	0.015	17.209	0.031	17.229	0.051	17.242	0.063	21.137	0.023	21.158	0.023	21.158	0.023	21.169	0.023
17.259	0.082	17.293	0.067	17.305	0.047	17.329	0.007	21.181	0.023	21.190	0.023	21.200	0.019	21.213	0.023
17.343	-0.065	17.348	-0.073	17.364	-0.089	17.377	-0.085	21.222	0.027	21.234	0.039	21.248	0.039	21.263	0.043
17.388	-0.057	17.404	-0.013	17.417	0.031	17.432	0.063	21.274	0.033	21.284	0.035	21.302	0.035	21.306	0.035
17.456	0.082	17.478	0.043	17.488	0.015	17.496	-0.037	21.329	0.023	21.333	0.019	21.340	0.011	21.352	-0.001
17.522	-0.089	17.534	-0.097	17.558	-0.081	17.586	-0.077	21.361	-0.017	21.369	-0.025	21.381	-0.041	21.392	-0.045
17.610	-0.077	17.648	-0.069	17.660	-0.061	17.690	-0.045	21.405	-0.053	21.415	-0.045	21.429	-0.033	21.442	-0.013
17.711	-0.045	17.731	-0.017	17.744	0.055	17.757	0.059	21.454	-0.001	21.466	0.015	21.465	0.051	21.493	0.078
17.772	0.070	17.789	0.059	17.810	0.039	17.828	-0.009	21.502	0.078	21.517	0.078	21.529	0.078	21.542	0.078
17.843	-0.045	17.857	-0.073	17.873	-0.081	17.892	-0.057	21.553	0.067	21.566	0.055	21.574	0.051	21.590	0.043
17.913	-0.009	17.927	0.051	17.937	0.074	17.964	0.090	21.604	0.023	21.611	0.023	21.624	0.019	21.633	0.019
17.976	0.067	18.005	0.019	18.022	-0.009	18.038	-0.029	21.646	0.011	21.657	0.007	21.674	0.015	21.681	0.019
18.054	-0.033	18.066	-0.029	18.085	-0.025	18.094	-0.017	21.693	0.043	21.704	0.059	21.714	0.063	21.724	0.051
18.104	-0.013	18.118	-0.005	18.132	-0.013	18.144	-0.033	21.742	0.031	21.747	0.007	21.758	-0.013	21.767	-0.029
18.156	-0.077	18.170	-0.097	18.181	-0.124	18.194	-0.105	21.786	-0.037	21.797	-0.041	21.814	-0.033	21.826	-0.009
18.208	-0.089	18.221	-0.065	18.235	-0.049	18.245	-0.041	21.835	-0.005	21.852	0.015	21.860	0.027	21.865	0.043
18.258	-0.029	18.268	-0.013	18.285	-0.017	18.301	-0.005	21.883	-0.035	21.896	-0.031	21.910	0.015	21.921	0.007
18.314	0.023	18.327	0.043	18.338	0.067	18.352	0.086	21.932	-0.009	21.948	-0.025	21.960	-0.029	21.976	-0.029
18.365	0.086	18.380	0.074	18.401	0.055	18.418	0.027	21.987	-0.033	22.007	-0.013	22.018	-0.025	22.032	-0.013
18.434	0.007	18.452	-0.009	18.462	-0.025	18.484	-0.037	22.047	-0.005	22.056	0.015	22.071	0.015	22.082	0.013
18.504	-0.049	18.513	-0.029	18.527	-0.001	18.543	0.023	22.096	0.015	22.111	0.007	22.132	-0.008	22.145	-0.020
18.558	0.039	18.584	0.047	18.594	0.047	18.616	0.039	22.152	-0.016	22.167	-0.008	22.192	0.020	22.203	-0.003
18.636	0.063	18.656	-0.029	18.676	-0.065	18.700	-0.089	22.218	-0.003	22.230	-0.007	22.240	-0.007	22.255	-0.014
18.715	-0.116	18.734	-0.128	18.757	-0.148	18.757	-0.148	22.277	-0.022	22.284	-0.022	22.301	-0.022	22.306	-0.022
18.772	-0.120	18.793	-0.081	18.806	-0.045	18.823	0.011	22.320	-0.014	22.334	-0.005	22.351	0.003	22.370	0.007
18.837	0.063	18.852	0.098	18.867	0.114	18.880	0.146	22.378	0.007	22.402	0.003	22.415	0.007	22.431	0.019
18.892	0.122	18.922	0.050	18.934	0.038	18.951	-0.010	22.446	0.019	22.462	0.019	22.484	0.023	22.494	0.023
18.978	-0.034	18.995	-0.038	19.006	-0.030	19.034	-0.026	22.510	0.015	22.526	0.011	22.537	-0.005	22.558	-0.021
19.055	-0.027	19.076	-0.027	19.095	-0.059	19.111	-0.064	22.574	-0.021	22.584	-0.025	22.601	-0.013	22.618	-0.005
19.133	-0.064	19.154	-0.052	19.186	-0.067	19.199	0.055	22.640	0.007	22.651	0.007	22.672	0.012	22.685	0.012
19.220	0.051	19.239	0.059	19.265	0.067	19.294	0.070	22.691	0.008	22.712	0.000	22.720	-0.008	22.736	-0.015
19.311	0.070	19.322	0.063	19.373	0.039	19.398	0.031	22.745	-0.011	22.766	-0.007	22.778	-0.002	22.795	0.014
19.413	0.027	19.419	0.023	19.453	0.007	19.477	-0.013	22.808	0.014	22.815	0.021	22.827	0.014	22.842	0.002
19.501	-0.029	19.514	-0.029	19.525	-0.017	19.550	0.015	22.865	-0.021	22.885	-0.021	22.892	-0.021	22.903	-0.021
19.555	-0.023	19.571	-0.027	19.588	0.011	19.603	-0.025	22.919	-0.021	22.938	-0.021	22.951	-0.025	22.967	-0.025
19.620	-0.069	19.645	-0.093	19.686	-0.097	19.687	-0.093	22.982	-0.017	23.007	-0.013	23.019	-0.013	23.041	-0.006
19.711	-0.085	19.740	-0.077	19.773	-0.057	19.796	-0.053	23.063	0.002	23.075	0.006	23.107	0.022	23.120	0.037
19.825	-0.057	19.845	-0.057	19.869	-0.045	19.892	-0.025	23.146	0.041	23.165	0.045	23.184	0.053	23.189	0.068
19.901	0.023	19.924	0.043	19.938	0.059	19.958	0.078	23.200	0.060	23.215	0.040	23.232	0.036	23.247	0.036
19.986	0.082	20.001	0.067	20.016	0.047	20.035	0.035	23.274	0.036	23.297	0.036	23.312	0.035	23.317	0.035
20.073	0.019	20.076	0.019	20.098	0.007	20.112	0.011	23.341	0.039	23.364	0.042	23.386	0.045	23.396	0.041
20.130	-0.003	20.144	-0.017	20.161	-0.021	20.174	-0.021	23.403	0.039	23.415	0.033	23.437	0.020	23.450	0.008
20.187	-0.001	20.210	-0.019	20.220	0.047	20.238	0.052	23.473	-0.000	23.490	-0.000	23.499	-0.013	23.513	-0.013
20.255	0.048	20.279	0.044	20.297	0.029	20.315	0.021	23.528	-0.013	23.542	-0.021	23.561	-0.025	23.571	-0.028
20.333	0.009	20.348	-0.018	20.361	-0.026	20.375	-0.038	23.590	-0.028	23.604	-0.024	23.613	-0.036	23.627	-0.024
20.392	-0.062	20.407	-0.070	20.432	-0.070	20.454	-0.062	23.644	-0.020	23.671	-0.015	23.682	-0.015	23.700	-0.007

23.727	-0.002	23.736	0.010	23.745	0.010	23.753	0.031	27.533	0.027	27.558	0.031	27.577	0.031
23.793	0.003	23.806	-0.000	23.822	0.004	23.849	0.011	27.593	0.031	27.614	0.027	27.633	0.019
23.863	0.013	23.876	0.033	23.895	0.045	23.910	0.049	27.685	0.011	27.719	-0.001	27.750	-0.021
23.929	0.046	23.968	0.054	23.980	0.038	23.995	0.034	27.761	-0.021	27.786	-0.025	27.817	-0.017
24.013	0.030	24.041	0.037	24.055	0.033	24.077	0.009	27.855	-0.016	27.889	-0.016	27.925	0.018
24.095	0.004	24.102	0.000	24.113	-0.020	24.127	-0.024	27.939	-0.019	27.974	-0.011	28.006	0.019
24.136	-0.032	24.151	-0.036	24.172	-0.029	24.196	-0.017	28.022	0.014	28.066	0.015	28.089	0.019
24.215	-0.002	24.235	0.002	24.258	0.021	24.277	0.044	28.106	0.018	28.119	0.015	28.136	0.019
24.300	0.043	24.321	0.050	24.334	0.054	24.352	0.041	28.167	0.010	28.221	-0.002	28.247	-0.010
24.371	0.036	24.395	0.027	24.415	0.018	24.433	0.001	28.284	-0.002	28.323	-0.002	28.344	-0.002
24.461	-0.015	24.472	-0.016	24.485	-0.020	24.500	-0.020	28.366	0.002	28.381	0.003	28.421	0.003
24.514	-0.024	24.528	-0.025	24.541	-0.021	24.556	-0.021	28.448	0.010	28.479	0.010	28.497	0.014
24.565	0.011	24.576	0.011	24.591	0.015	24.605	0.019	28.523	0.013	28.562	0.009	28.572	0.009
24.620	0.011	24.630	0.009	24.642	-0.017	24.653	-0.021	28.585	0.012	28.604	0.020	28.636	0.027
24.665	-0.021	24.677	-0.029	24.688	-0.025	24.703	-0.009	28.671	0.027	28.683	0.022	28.700	0.018
24.716	0.011	24.725	0.027	24.738	0.031	24.749	0.047	28.734	0.018	28.752	0.022	28.773	0.018
24.764	0.055	24.778	0.055	24.791	0.055	24.807	0.039	28.787	0.018	28.804	0.010	28.823	0.002
24.821	0.035	24.839	0.031	24.857	0.035	24.876	0.039	28.862	-0.002	28.868	-0.002	28.885	-0.002
24.889	0.043	24.900	0.039	24.916	0.039	24.931	0.023	28.917	0.002	28.932	0.010	28.954	0.014
24.943	0.015	24.960	0.015	24.974	0.003	24.991	0.009	28.950	0.017	29.016	0.025	29.040	0.021
25.002	-0.017	25.015	-0.033	25.027	-0.033	25.040	-0.045	29.062	0.020	29.081	0.020	29.104	0.016
25.055	-0.045	25.072	-0.053	25.096	-0.049	25.114	-0.034	29.144	0.016	29.172	0.016	29.204	0.024
25.139	-0.022	25.163	-0.010	25.184	-0.015	25.203	-0.007	29.235	0.016	29.252	0.012	29.272	0.009
25.218	-0.015	25.235	-0.011	25.258	-0.007	25.275	0.009	29.301	0.005	29.318	-0.003	29.329	0.002
25.291	0.021	25.307	0.037	25.321	0.037	25.337	0.006	29.368	0.006	29.382	0.002	29.400	0.002
25.352	0.038	25.367	0.010	25.385	-0.006	25.401	-0.008	29.434	0.002	29.445	0.002	29.464	0.002
25.420	-0.006	25.440	0.010	25.461	0.006	25.474	0.010	29.502	0.002	29.518	0.002	29.535	0.005
25.487	0.014	25.505	0.017	25.522	0.017	25.536	0.017	29.580	0.009	29.605	0.012	29.624	0.024
25.554	0.012	25.573	0.004	25.591	0.008	25.603	0.008	29.669	0.028	29.703	0.027	29.730	0.023
25.612	0.008	25.638	0.007	25.655	0.007	25.669	0.003	29.774	0.015	29.794	0.011	29.810	0.019
25.684	-0.013	25.689	-0.021	25.719	-0.037	25.734	-0.040	29.856	0.039	29.876	0.035	29.896	0.027
25.748	-0.048	25.766	-0.055	25.777	-0.051	25.806	-0.042	29.938	0.020	29.956	0.028	29.970	0.020
25.817	-0.034	25.826	-0.034	25.838	-0.017	25.851	-0.013	30.008	0.029	30.028	0.021	30.058	0.002
25.864	0.012	25.879	0.013	25.896	0.021	25.913	0.018	30.086	-0.010	30.113	-0.010	30.133	-0.010
25.928	0.003	25.957	0.004	25.970	-0.015	25.992	-0.027	30.154	-0.009	30.172	-0.009	30.186	-0.020
26.016	-0.014	26.021	-0.006	26.053	-0.005	26.062	-0.009	30.223	-0.016	30.250	-0.004	30.274	-0.013
26.079	-0.001	26.095	-0.001	26.114	-0.013	26.134	-0.009	30.313	0.017	30.326	0.029	30.336	0.021
26.160	-0.005	26.184	0.023	26.201	0.019	26.221	0.035	30.365	0.018	30.384	0.014	30.398	0.001
26.242	0.015	26.259	0.019	26.275	0.031	26.290	0.035	30.435	-0.001	30.453	-0.001	30.473	-0.008
26.306	0.035	26.319	0.055	26.337	0.051	26.347	0.055	30.527	0.005	30.554	0.009	30.577	0.034
26.363	0.043	26.374	0.031	26.389	0.011	26.406	0.007	30.620	0.030	30.643	0.027	30.671	0.004
26.422	0.007	26.439	0.007	26.456	-0.001	26.463	-0.001	30.714	0.001	30.745	0.001	30.776	-0.010
26.474	-0.001	26.485	-0.001	26.497	-0.001	26.505	-0.001	30.815	-0.014	30.832	-0.022	30.850	-0.025
26.520	-0.002	26.532	-0.002	26.543	-0.006	26.557	-0.010	30.888	-0.013	30.905	-0.005	30.934	0.015
26.570	-0.014	26.586	-0.018	26.607	-0.014	26.626	0.005	30.973	0.008	30.995	0.008	31.016	-0.004
26.647	0.013	26.665	0.013	26.689	0.020	26.710	0.028	31.060	0.017	31.083	0.021	31.110	0.030
26.730	0.020	26.747	0.020	26.772	0.019	26.791	0.019	31.143	0.015	31.165	0.011	31.196	0.034
26.810	0.023	26.836	0.018	26.855	0.018	26.874	0.018	31.244	0.006	31.281	0.007	31.299	0.004
26.891	0.013	26.909	0.013	26.927	0.001	26.945	0.008	31.323	0.005	31.351	0.006	31.373	0.003
26.963	-0.024	26.980	-0.032	26.997	-0.025	27.020	-0.017	31.416	0.007	31.445	0.008	31.465	0.007
27.044	-0.010	27.066	-0.010	27.082	-0.007	27.096	-0.003	31.526	0.005	31.550	-0.004	31.577	0.009
27.114	-0.014	27.129	-0.000	27.148	-0.017	27.165	-0.017	31.615	-0.013	31.630	-0.021	31.647	-0.025
27.183	-0.017	27.199	-0.006	27.213	-0.014	27.233	-0.027	31.664	-0.026	31.688	-0.026	31.671	-0.026
27.255	0.004	27.274	0.012	27.295	0.007	27.314	0.011	31.694	-0.014	31.712	-0.014	31.725	-0.010
27.331	0.006	27.346	0.014	27.362	0.006	27.379	0.015	31.754	-0.014	31.781	-0.017	31.799	-0.025
27.402	-0.015	27.428	-0.012	27.451	-0.004	27.472	0.016	31.858	-0.027	31.881	-0.019	31.906	-0.022



31.951	-0.017	31.977	-0.005	32.002	0.008	32.028	0.013	32.644	-0.068	32.663	-0.055	32.696	-0.029	32.715	-0.008
32.045	0.013	32.075	0.006	32.096	-0.001	32.118	-0.000	32.736	0.010	32.745	0.022	32.761	0.035	32.783	0.032
32.129	-0.008	32.154	-0.015	32.177	-0.022	32.202	-0.021	32.805	0.021	32.825	-0.005	32.844	-0.005	32.862	-0.004
32.228	-0.015	32.246	-0.003	32.260	-0.006	32.280	-0.017	32.880	-0.007	32.913	0.007	32.936	0.012	32.950	0.004
32.306	-0.032	32.327	-0.043	32.345	-0.026	32.363	-0.005	32.974	-0.019	32.994	-0.039	33.012	-0.066	33.027	-0.066
32.378	0.007	32.392	0.008	32.407	0.004	32.435	-0.011	33.047	-0.066	33.064	-0.053	33.085	-0.029	33.105	-0.025
32.464	-0.010	32.488	-0.017	32.514	-0.016	32.535	-0.007	33.122	-0.017	33.150	-0.012	33.183	-0.004	33.211	-0.003
32.551	0.009	32.565	0.001	32.582	-0.004	32.595	-0.008	33.237	0.002	33.270	-0.005	33.300	-0.012	33.333	-0.015
32.624	-0.008	32.641	-0.004	32.659	-0.004	32.681	-0.009	33.343	-0.010	33.364	-0.001	33.384	-0.003	33.402	-0.008
32.709	-0.019	32.720	-0.019	32.742	-0.021	32.761	-0.022	33.422	0.001	33.440	-0.006	33.458	-0.037	33.474	-0.032
32.779	-0.032	32.801	-0.022	32.824	-0.019	32.848	-0.023	33.498	-0.002	33.516	-0.023	33.532	-0.026	33.548	-0.010
32.872	-0.020	32.884	-0.020	32.906	-0.024	32.920	-0.032	33.575	-0.005	33.597	-0.008	33.629	-0.008	33.656	-0.015
32.953	-0.035	32.982	-0.031	33.014	-0.027	33.028	-0.019	33.680	-0.023	33.702	-0.018	33.718	-0.014	33.736	-0.006
33.054	-0.011	33.066	-0.007	33.081	-0.015	33.100	-0.019	33.764	0.003	33.789	-0.001	33.825	-0.004	33.854	-0.003
33.130	-0.015	33.167	-0.018	33.209	-0.018	33.234	-0.026	33.884	0.001	33.925	0.006	33.948	0.010	33.971	0.006
33.290	-0.025	33.333	-0.024	33.351	-0.027	33.373	-0.027	33.952	-0.014	33.985	-0.034	34.030	-0.038	34.052	-0.038
33.392	-0.022	33.424	-0.025	33.450	-0.013	33.467	-0.004	34.077	-0.030	34.106	-0.018	34.136	-0.006	34.163	-0.006
33.483	-0.012	33.508	-0.022	33.525	-0.034	33.551	-0.036	34.173	-0.006	34.192	-0.010	34.224	-0.030	34.258	-0.038
33.560	-0.035	33.607	-0.030	33.624	-0.021	33.642	-0.012	34.376	-0.042	34.405	-0.041	34.429	-0.036	34.471	-0.034
33.658	-0.012	33.671	-0.015	33.689	-0.014	33.710	-0.022	34.502	-0.032	34.530	-0.031	34.566	-0.025	34.597	-0.021
33.738	-0.028	33.747	-0.036	33.778	-0.035	33.802	-0.028	34.626	-0.012	34.640	-0.012	34.662	-0.011	34.680	-0.011
33.819	-0.018	33.843	-0.022	33.871	-0.021	33.892	-0.028	34.715	-0.027	34.740	-0.044	34.777	-0.032	34.816	-0.017
34.011	-0.014	34.042	-0.005	34.072	0.023	34.097	0.008	34.845	-0.013	34.853	-0.013	34.859	-0.021	34.886	-0.025
34.125	0.005	34.149	-0.007	34.184	-0.014	34.202	-0.009	34.925	-0.028	34.954	-0.027	34.973	-0.026	34.986	-0.012
34.239	-0.001	34.266	-0.004	34.280	-0.012	34.301	-0.015	40.025	-0.028	40.054	-0.027	40.073	-0.026	40.112	-0.012
34.319	-0.015	34.342	-0.023	34.371	-0.018	34.404	-0.021	40.145	0.001	40.160	0.010	40.183	0.007	40.210	0.004
34.437	-0.021	34.463	-0.020	34.450	-0.030	34.514	-0.004	40.247	-0.063	40.264	-0.018	40.301	-0.014	40.314	-0.014
34.535	-0.020	34.574	-0.036	34.585	-0.048	34.614	-0.088	40.346	-0.017	40.368	-0.041	40.384	-0.052	40.403	-0.056
34.637	-0.052	34.669	-0.028	34.709	-0.012	34.738	-0.008	40.422	-0.044	40.448	-0.040	40.468	-0.035	40.483	-0.035
34.763	0.012	34.789	0.008	34.814	0.005	34.834	0.017	40.523	-0.047	40.555	-0.038	40.594	-0.033	40.625	-0.037
34.866	0.009	34.898	0.018	34.904	0.002	34.934	-0.005	40.660	-0.036	40.686	-0.031	40.715	-0.018	40.744	-0.017
34.954	-0.008	35.003	-0.006	35.040	-0.001	35.069	0.008	40.776	-0.016	40.799	-0.023	40.828	-0.029	40.851	-0.040
35.102	-0.011	35.136	-0.002	35.162	-0.002	35.190	0.003	40.875	-0.036	40.911	-0.027	40.938	-0.027	40.961	-0.030
35.223	-0.001	35.252	0.009	35.274	0.010	35.306	0.003	40.984	-0.038	41.022	-0.037	41.069	-0.029	41.100	-0.016
35.323	-0.001	35.360	-0.011	35.399	0.010	35.410	0.002	41.130	-0.020	41.171	-0.047	41.210	-0.045	41.241	-0.026
35.478	0.001	35.521	-0.010	35.570	-0.004	35.597	-0.002	41.308	-0.020	41.353	-0.026	41.401	-0.027	41.445	-0.020
35.645	-0.014	35.663	0.006	35.676	0.003	35.698	-0.001	41.481	-0.014	41.524	-0.015	41.555	-0.021	41.569	-0.013
35.730	-0.004	35.762	-0.007	35.792	-0.002	35.816	-0.005	41.558	-0.004	41.646	0.002	41.683	-0.009	41.711	-0.032
35.848	-0.008	35.868	-0.008	35.894	-0.012	35.923	-0.017	41.743	-0.031	41.777	-0.030	41.805	-0.025	41.837	-0.040
35.977	-0.021	35.994	-0.025	36.021	-0.022	36.039	-0.011	41.889	-0.046	41.928	-0.033	41.957	-0.020	41.985	-0.018
36.083	-0.004	36.125	-0.005	36.149	-0.009	36.186	-0.009	42.009	-0.037	42.047	-0.039	42.069	-0.026	42.103	-0.021
36.237	-0.002	36.274	0.002	36.315	0.006	36.350	0.008	42.140	-0.031	42.171	-0.034	42.226	-0.035	42.271	-0.021
36.370	0.004	36.420	-0.014	36.453	-0.017	36.485	-0.029	42.296	0.004	42.315	0.009	42.346	-0.018	42.403	-0.015
36.517	-0.028	36.545	-0.040	36.572	-0.056	36.600	-0.032	42.470	0.006	42.530	-0.001				
36.629	-0.029	36.655	-0.029	36.683	-0.029	36.718	-0.024								
36.744	-0.016	36.764	-0.016	36.784	-0.020	36.801	-0.027								
36.821	-0.031	36.844	-0.023	36.879	0.010	36.903	0.014								
36.928	0.015	36.951	-0.009	36.973	-0.016	36.988	-0.032								
37.010	-0.028	37.029	-0.023	37.053	-0.011	37.069	-0.010								
37.091	-0.018	37.111	-0.047	37.138	-0.072	37.153	-0.068								
37.172	-0.059	37.194	-0.047	37.214	-0.022	37.237	-0.014								
37.266	-0.001	37.292	0.008	37.310	0.005	37.334	-0.002								
37.367	-0.009	37.393	-0.004	37.423	-0.011	37.450	-0.029								
37.479	-0.043	37.503	-0.050	37.519	-0.045	37.541	-0.039								
37.567	-0.030	37.584	-0.029	37.606	-0.039	37.624	-0.050								

2025 POINTS 42.538 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0272 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.034	0.033	-0.025	0.060	0.003	0.092	-0.001	4.060	0.030	4.088	0.045	4.117	0.049	4.135	0.029	4.153	0.032
0.118	0.015	0.152	0.015	0.172	0.015	0.191	0.015	4.167	0.024	4.153	0.020	4.212	0.004	4.240	-0.032	4.258	0.050
0.231	0.026	0.261	0.022	0.293	0.018	0.318	0.018	4.271	-0.001	4.258	0.023	4.317	0.019	4.362	0.050	4.385	0.009
0.343	0.014	0.373	0.014	0.397	0.014	0.429	0.010	4.385	0.026	4.406	0.018	4.431	0.009	4.464	0.009	4.489	0.009
0.456	0.014	0.499	0.014	0.528	0.049	0.547	0.057	4.489	0.009	4.509	0.005	4.522	0.009	4.540	0.009	4.568	0.012
0.566	0.037	0.593	-0.027	0.619	0.001	0.657	-0.008	4.558	0.008	4.587	0.048	4.606	0.028	4.628	0.012	4.655	0.007
0.680	0.032	0.705	0.027	0.723	0.027	0.742	0.027	4.667	0.023	4.685	-0.001	4.713	-0.009	4.735	0.007	4.762	0.054
0.772	0.019	0.773	0.019	0.805	0.026	0.829	0.026	4.758	0.027	4.786	0.038	4.810	0.058	4.831	0.054	4.859	0.005
0.854	0.025	0.878	0.017	0.898	0.009	0.915	0.008	4.848	0.026	4.871	0.006	4.892	0.035	4.921	0.005	4.948	0.027
0.957	0.035	0.976	0.030	1.006	-0.010	1.030	0.029	4.948	-0.003	4.974	0.024	5.014	0.035	5.047	0.027	5.074	0.005
1.050	0.029	1.080	0.028	1.102	0.007	1.128	0.007	5.074	0.050	5.103	0.050	5.139	0.010	5.167	0.005	5.208	0.002
1.157	0.026	1.185	0.053	1.211	0.024	1.238	0.011	5.208	0.028	5.238	-0.000	5.273	0.015	5.298	0.002	5.368	0.002
1.268	0.002	1.300	0.005	1.319	0.005	1.343	0.000	5.335	0.033	5.368	0.037	5.357	0.036	5.424	0.016	5.483	0.023
1.374	0.003	1.403	0.002	1.422	0.002	1.442	0.001	5.458	0.020	5.483	0.008	5.517	-0.016	5.494	0.023	5.599	0.047
1.465	0.001	1.488	0.000	1.516	0.032	1.545	0.031	5.580	0.047	5.706	-0.005	5.736	0.019	5.765	0.030	5.833	0.019
1.563	0.011	1.584	-0.010	1.607	-0.010	1.625	-0.011	5.802	0.026	5.933	0.007	5.957	0.050	5.985	0.078	6.062	0.007
1.659	-0.023	1.689	0.004	1.718	0.036	1.742	0.059	6.133	0.046	6.159	0.046	6.184	0.042	6.265	0.021	6.346	0.018
1.770	0.013	1.788	-0.009	1.809	-0.033	1.830	-0.025	6.225	0.014	6.250	0.018	6.274	0.017	6.308	0.024	6.374	0.024
1.852	-0.015	1.876	-0.001	1.899	0.015	1.934	0.030	6.315	0.017	6.346	0.021	6.374	0.024	6.388	0.024	6.441	0.011
1.952	0.015	1.976	-0.005	2.007	0.023	2.044	0.042	6.412	0.024	6.441	0.011	6.465	0.023	6.504	0.030	6.530	0.033
2.078	0.002	2.096	0.058	2.117	0.019	2.144	-0.001	6.530	0.030	6.563	-0.033	6.590	0.037	6.611	0.005	6.663	0.024
2.172	-0.001	2.201	-0.005	2.227	0.010	2.251	0.022	6.638	-0.020								

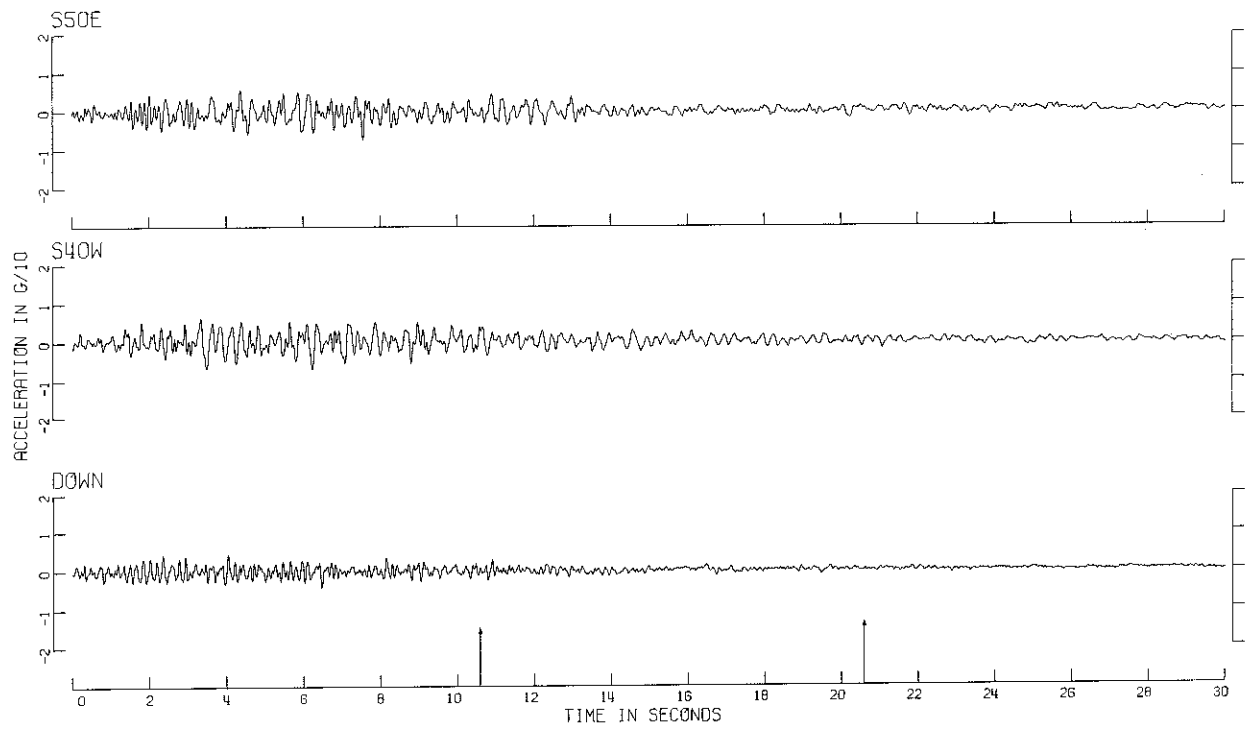
8.316	0.018	8.345	0.030	8.365	0.030	8.384	0.031	12.341	0.108	12.352	0.136	12.360	0.136	12.368	0.120
8.411	0.008	8.436	0.000	8.457	0.032	8.485	0.033	12.380	0.088	12.392	0.044	12.357	0.012	12.368	0.004
8.508	-0.010	8.528	-0.041	8.548	-0.001	8.574	0.051	12.415	-0.036	12.426	-0.056	12.445	-0.056	12.453	-0.056
8.593	0.051	8.620	0.052	8.654	0.051	8.679	0.050	12.464	-0.056	12.479	-0.057	12.488	-0.073	12.493	-0.057
8.705	0.033	8.728	0.035	8.747	-0.028	8.771	-0.071	12.514	-0.050	12.523	0.019	12.532	0.042	12.543	0.054
8.801	-0.043	8.832	-0.002	8.854	-0.001	8.878	-0.001	12.565	0.050	12.580	0.054	12.599	0.070	12.613	0.066
8.908	0.052	8.930	0.088	8.947	0.104	8.971	0.064	12.632	0.057	12.647	0.053	12.668	0.042	12.689	0.022
9.003	0.005	9.031	-0.038	9.066	-0.030	9.092	-0.010	12.696	-0.010	12.718	-0.030	12.739	-0.050	12.759	-0.050
9.117	-0.006	9.133	-0.005	9.158	-0.009	9.196	-0.037	12.748	-0.038	12.767	-0.018	12.792	-0.006	12.807	0.002
9.227	-0.005	9.244	-0.005	9.268	0.019	9.290	0.042	12.820	0.022	12.835	0.039	12.859	0.051	12.878	0.039
9.308	0.034	9.328	-0.009	9.349	-0.005	9.374	0.026	12.853	0.055	12.855	0.015	12.915	0.075	12.927	0.063
9.398	0.034	9.428	0.086	9.455	0.114	9.484	0.078	12.940	0.019	12.958	-0.017	12.966	-0.049	12.977	-0.064
9.514	0.015	9.548	-0.045	9.576	-0.073	9.607	-0.041	12.952	-0.080	13.003	-0.081	13.020	-0.073	13.041	-0.049
9.630	-0.017	9.656	0.007	9.682	0.023	9.706	-0.021	13.059	-0.041	13.071	0.002	13.090	0.014	13.105	0.033
9.740	-0.053	9.788	0.003	9.834	-0.004	9.872	0.051	13.117	0.050	13.134	0.057	13.149	0.053	13.165	0.033
9.892	0.055	9.923	0.032	9.948	0.032	9.976	0.041	13.177	0.017	13.156	0.017	13.209	0.017	13.221	0.005
10.007	0.069	10.041	0.034	10.078	-0.041	10.105	-0.040	13.236	-0.027	13.247	-0.019	13.262	-0.020	13.280	-0.012
10.130	-0.040	10.150	-0.020	10.168	-0.007	10.191	-0.007	13.295	0.020	13.312	0.036	13.326	0.056	13.343	0.043
10.211	-0.006	10.236	0.030	10.267	0.035	10.288	0.035	13.357	0.019	13.375	0.003	13.400	0.018	13.416	0.034
10.311	0.036	10.337	-0.036	10.357	0.029	10.357	0.065	13.438	0.049	13.454	0.049	13.472	0.049	13.492	0.064
10.428	0.033	10.456	-0.026	10.489	0.002	10.515	-0.038	13.506	0.048	13.523	0.017	13.547	0.037	13.553	0.049
10.540	-0.037	10.558	-0.025	10.587	-0.081	10.604	-0.113	13.568	0.073	13.583	0.057	13.599	0.037	13.615	0.005
10.634	-0.057	10.670	0.034	10.698	0.062	10.738	0.015	13.637	-0.006	13.653	-0.010	13.666	-0.018	13.684	-0.037
10.764	0.066	10.790	0.090	10.821	0.042	10.835	0.042	13.698	-0.057	13.722	-0.044	13.740	-0.004	13.757	0.029
10.841	0.042	10.864	0.003	10.882	-0.001	10.894	-0.001	13.773	0.045	13.792	0.053	13.820	0.049	13.845	0.037
10.902	0.002	10.908	0.006	10.917	0.009	10.925	0.012	13.868	0.017	13.866	-0.003	13.890	-0.003	13.901	-0.011
10.933	0.023	10.941	0.022	10.949	0.010	10.957	0.013	13.912	-0.011	13.925	-0.011	13.935	-0.007	13.955	-0.004
10.969	0.039	10.980	0.058	10.990	0.072	10.997	0.080	13.971	-0.004	13.995	-0.000	14.016	0.011	14.037	0.015
11.008	0.099	11.018	0.114	11.028	0.101	11.039	0.089	14.055	0.023	14.076	0.030	14.088	0.042	14.105	0.054
11.050	0.060	11.064	0.043	11.073	0.015	11.084	0.010	14.123	0.057	14.146	0.061	14.156	0.077	14.165	0.053
11.095	-0.007	11.107	-0.016	11.116	-0.020	11.126	-0.020	14.180	0.033	14.193	0.036	14.211	0.052	14.225	0.051
11.132	-0.036	11.142	-0.036	11.153	-0.036	11.162	-0.028	14.239	0.055	14.252	0.055	14.262	0.039	14.274	0.046
11.171	-0.068	11.180	0.008	11.194	0.012	11.207	0.024	14.297	0.054	14.313	0.053	14.324	0.041	14.337	0.033
11.219	0.028	11.230	0.025	11.244	0.005	11.254	-0.015	14.353	0.018	14.364	0.018	14.381	0.025	14.397	0.025
11.266	-0.038	11.275	-0.058	11.281	-0.074	11.293	-0.082	14.409	0.014	14.428	0.006	14.440	-0.006	14.457	-0.026
11.299	-0.038	11.310	-0.038	11.319	-0.018	11.333	0.018	14.481	-0.046	14.492	-0.045	14.510	-0.009	14.520	0.007
11.340	0.042	11.352	0.074	11.369	0.066	11.381	0.046	14.547	0.030	14.568	0.038	14.585	0.046	14.602	0.030
11.393	0.030	11.410	0.015	11.424	0.007	11.438	-0.018	14.615	-0.005	14.625	-0.029	14.654	-0.037	14.671	-0.044
11.450	-0.046	11.459	-0.058	11.468	-0.066	11.476	-0.078	14.686	-0.056	14.704	-0.060	14.724	-0.035	14.743	0.005
11.492	-0.054	11.507	-0.019	11.513	0.005	11.522	0.024	14.763	0.021	14.781	0.026	14.802	0.035	14.817	0.059
11.529	0.036	11.536	0.052	11.546	0.039	11.561	0.023	14.840	0.067	14.855	0.071	14.871	0.083	14.886	0.071
11.573	0.003	11.586	-0.021	11.601	-0.025	11.610	-0.045	14.899	0.067	14.917	0.059	14.927	0.032	14.950	0.004
11.621	-0.049	11.632	-0.061	11.645	-0.050	11.656	-0.018	14.961	-0.012	14.977	-0.032	14.993	-0.040	15.001	-0.028
11.668	0.010	11.680	0.033	11.694	0.053	11.711	0.076	15.016	0.019	15.036	0.027	15.052	0.047	15.070	0.058
11.725	0.088	11.738	0.099	11.750	0.107	11.765	0.098	15.088	0.066	15.110	0.066	15.122	0.070	15.142	0.074
11.779	0.086	11.795	0.073	11.814	-0.064	11.824	0.044	15.158	0.074	15.172	0.074	15.186	0.073	15.199	0.038
11.837	0.015	11.851	-0.029	11.865	-0.069	11.875	-0.101	15.212	0.022	15.232	-0.011	15.241	-0.019	15.254	-0.031
11.884	-0.140	11.890	-0.152	11.902	-0.112	11.913	-0.080	15.269	-0.035	15.288	-0.036	15.307	-0.028	15.315	-0.003
11.924	-0.048	11.933	-0.068	11.945	0.001	11.956	0.010	15.330	0.043	15.351	0.070	15.367	0.070	15.385	0.069
11.972	0.020	11.983	0.017	11.996	0.010	12.014	-0.005	15.410	0.068	15.418	0.068	15.439	0.063	15.462	0.058
12.026	0.007	12.042	0.028	12.059	0.032	12.077	0.033	15.468	0.050	15.480	0.014	15.499	-0.006	15.508	-0.019
12.091	0.036	12.108	0.035	12.119	0.043	12.132	0.054	15.527	-0.031	15.543	-0.036	15.560	-0.016	15.581	-0.001
12.145	0.026	12.159	0.005	12.173	-0.027	12.184	-0.039	15.601	0.011	15.622	0.026	15.648	0.041	15.668	0.052
12.198	-0.063	12.209	-0.064	12.220	-0.072	12.232	-0.072	15.687	0.068	15.709	0.076	15.731	0.079	15.745	0.071
12.245	-0.069	12.255	-0.053	12.274	-0.022	12.289	0.006	15.763	0.043	15.777	0.011	15.786	0.011	15.801	0.002
12.300	0.022	12.307	0.037	12.323	0.061	12.331	0.081	15.813	0.014	15.850	0.025	15.853	0.041	15.872	0.025

15.893	0.021	15.913	0.017	15.919	0.017	15.939	0.017	15.951	0.037	19.566	0.029	15.587	0.016	19.955	-0.004
15.957	0.017	15.972	0.001	15.989	-0.003	16.002	-0.007	20.024	0.011	20.040	0.018	20.056	0.021	20.074	0.020
16.032	0.005	16.045	0.009	16.055	0.017	16.073	0.041	20.090	0.023	20.113	0.022	20.124	0.026	20.147	0.016
16.085	0.049	16.096	0.049	16.117	0.026	16.131	0.018	20.162	0.016	20.178	0.011	20.193	0.010	20.210	0.010
16.143	0.006	16.156	-0.006	16.183	-0.042	16.197	-0.047	20.225	0.014	20.242	-0.003	20.271	-0.024	20.285	-0.016
16.207	-0.055	16.225	-0.063	16.242	-0.060	16.263	-0.044	20.255	-0.008	20.321	-0.012	20.344	-0.013	20.360	-0.009
16.283	-0.001	16.298	0.038	16.318	0.053	16.342	0.057	20.361	-0.005	20.403	-0.005	20.423	-0.005	20.443	-0.001
16.359	0.032	16.375	0.016	16.389	0.000	16.405	-0.020	20.463	0.007	20.481	0.019	20.492	0.011	20.514	-0.001
16.410	-0.032	16.431	-0.004	16.460	0.003	16.461	0.020	20.532	0.013	20.550	0.017	20.575	-0.001	20.584	0.011
16.484	0.007	16.500	0.015	16.524	0.019	16.539	0.019	20.607	-0.001	20.625	-0.001	20.635	-0.001	20.658	-0.002
16.552	0.003	16.567	-0.021	16.576	-0.009	16.593	0.019	20.615	-0.002	20.702	0.002	20.711	-0.002	20.735	-0.002
16.614	0.050	16.629	0.046	16.646	0.046	16.670	0.051	20.753	0.001	20.773	0.009	20.796	0.012	20.808	0.011
16.689	0.021	16.705	0.035	16.722	0.011	16.742	-0.013	20.824	0.007	20.846	0.002	20.861	0.002	20.879	-0.002
16.747	-0.029	16.765	-0.044	16.789	-0.028	16.812	-0.004	20.908	-0.003	20.916	0.004	20.946	0.008	20.969	0.012
16.848	0.008	16.863	0.024	16.880	0.020	16.899	0.020	20.975	0.019	20.955	0.023	21.010	0.023	21.046	0.027
16.925	0.012	16.945	0.012	16.956	0.016	16.971	0.005	21.052	0.014	21.074	0.035	21.097	0.030	21.103	0.022
16.987	-0.007	17.008	-0.015	17.019	0.001	17.038	0.013	21.127	0.014	21.139	0.006	21.154	0.002	21.178	0.002
17.055	0.025	17.075	0.017	17.099	0.013	17.124	0.009	21.195	-0.006	21.207	-0.006	21.208	-0.006	21.214	-0.006
17.137	0.005	17.168	0.009	17.185	0.010	17.208	0.010	21.231	-0.006	21.256	-0.006	21.242	-0.006	21.247	-0.006
17.230	0.010	17.240	-0.010	17.255	-0.046	17.261	-0.050	21.253	-0.002	21.256	0.010	21.265	0.011	21.273	0.011
17.289	-0.066	17.281	-0.066	17.298	-0.078	17.320	-0.075	21.281	0.004	21.294	0.012	21.306	0.017	21.316	0.005
17.333	-0.055	17.342	-0.039	17.354	0.008	17.366	0.024	21.326	0.014	21.335	0.022	21.346	0.022	21.355	0.031
17.388	0.027	17.412	0.031	17.427	0.035	17.443	0.043	21.369	0.031	21.380	0.032	21.392	0.040	21.402	0.036
17.454	0.035	17.472	0.019	17.481	0.011	17.502	-0.002	21.412	0.032	21.430	0.023	21.444	0.027	21.457	0.023
17.519	0.006	17.530	0.014	17.548	0.030	17.571	0.018	21.473	0.010	21.486	0.016	21.506	0.001	21.524	-0.004
17.592	0.002	17.621	-0.010	17.621	-0.014	17.653	-0.018	21.540	-0.009	21.555	-0.018	21.573	-0.011	21.585	-0.007
17.612	-0.010	17.682	-0.002	17.703	0.003	17.711	0.011	21.607	0.008	21.630	0.020	21.649	0.027	21.669	0.035
17.740	0.016	17.754	0.012	17.775	-0.019	17.786	-0.027	21.686	0.023	21.711	0.015	21.731	0.019	21.750	0.011
17.813	-0.027	17.827	-0.022	17.841	-0.010	17.856	-0.002	21.770	0.011	21.785	0.011	21.798	0.019	21.810	0.015
17.876	-0.014	17.890	-0.025	17.916	-0.017	17.924	-0.013	21.825	0.006	21.846	0.006	21.861	-0.010	21.880	-0.002
17.937	-0.001	17.952	0.007	17.973	-0.009	17.990	-0.009	21.897	-0.003	21.915	0.005	21.932	0.005	21.947	0.008
18.005	-0.005	18.027	-0.013	18.041	-0.021	18.065	-0.025	21.965	0.016	21.984	0.015	22.008	0.014	22.024	0.017
18.070	-0.017	18.094	-0.013	18.118	-0.001	18.141	0.007	22.047	0.017	22.071	0.016	22.083	0.016	22.101	0.016
18.123	0.015	18.187	0.015	18.205	0.011	18.228	0.020	22.124	0.019	22.135	0.019	22.154	0.011	22.176	-0.001
18.339	0.021	18.338	0.017	18.347	0.009	18.362	-0.006	22.151	-0.001	22.212	-0.001	22.233	-0.005	22.250	-0.001
18.384	-0.010	18.416	0.002	18.433	0.006	18.450	0.006	22.267	0.011	22.388	0.011	22.425	0.011	22.441	0.011
18.471	0.010	18.491	0.011	18.511	0.026	18.527	0.034	22.444	0.019	22.469	0.015	22.492	-0.005	22.502	-0.001
18.542	0.050	18.558	0.042	18.574	0.018	18.589	0.006	22.514	-0.001	22.525	0.007	22.534	0.006	22.542	0.002
18.602	0.006	18.618	0.014	18.642	0.013	18.663	0.013	22.554	-0.002	22.564	-0.002	22.582	0.006	22.589	-0.006
18.683	0.016	18.707	0.019	18.713	0.019	18.731	0.019	22.600	-0.022	22.611	-0.018	22.629	-0.007	22.650	-0.003
18.744	0.015	18.762	0.014	18.787	0.002	18.800	-0.011	22.661	-0.003	22.677	-0.003	22.692	0.001	22.705	0.000
18.828	-0.023	18.834	-0.031	18.849	-0.036	18.865	-0.032	22.729	0.004	22.748	0.003	22.760	0.007	22.775	0.011
18.879	-0.024	18.907	-0.013	18.939	0.011	18.965	0.019	22.786	0.014	22.802	0.002	22.816	-0.014	22.836	-0.031
18.978	0.027	19.004	0.046	19.017	0.026	19.031	0.015	22.856	-0.031	22.874	-0.031	22.892	-0.032	22.914	-0.032
19.037	-0.017	19.052	0.003	19.078	0.011	19.101	0.015	22.928	-0.028	22.951	-0.028	22.963	-0.020	22.977	-0.013
19.129	0.010	19.150	0.010	19.187	0.002	19.190	0.002	23.000	-0.009	23.011	-0.001	23.030	-0.001	23.045	-0.005
19.211	0.002	19.237	0.010	19.260	0.013	19.283	0.029	23.069	-0.009	23.084	-0.013	23.098	-0.021	23.115	-0.021
19.295	0.041	19.314	0.048	19.333	0.048	19.363	0.032	23.130	-0.017	23.142	-0.017	23.157	-0.017	23.174	-0.017
19.386	0.016	19.397	0.007	19.422	-0.009	19.447	-0.025	23.190	-0.017	23.203	-0.017	23.225	-0.017	23.245	-0.009
19.477	-0.017	19.519	-0.017	19.524	-0.009	19.558	-0.001	23.262	-0.009	23.283	-0.009	23.309	-0.009	23.314	0.007
19.574	0.007	19.594	0.011	19.617	0.023	19.635	0.026	23.324	0.011	23.345	0.023	23.372	0.018	23.383	-0.006
19.655	0.026	19.680	0.035	19.693	0.039	19.716	0.027	23.395	-0.010	23.414	-0.014	23.432	-0.014	23.462	-0.014
19.732	0.023	19.747	0.004	19.771	0.000	19.784	0.012	23.480	-0.006	23.495	-0.006	23.513	0.002	23.535	0.005
19.810	0.013	19.833	0.021	19.847	0.003	19.872	0.045	23.557	0.005	23.571	0.005	23.606	0.004	23.621	0.004
19.886	0.045	19.896	0.049	19.914	0.053	19.928	0.049	23.631	0.004	23.645	0.004	23.657	-0.000	23.671	-0.009

23.696	-0.009	23.708	-0.005	23.738	-0.005	23.746	-0.001	27.622	-0.015	27.647	-0.015	27.665	-0.015	27.686	-0.020
23.764	0.003	23.765	0.011	23.819	0.007	23.838	-0.001	27.702	-0.020	27.734	-0.021	27.756	-0.021	27.786	-0.021
23.851	0.005	23.865	-0.013	23.886	0.029	23.912	-0.021	27.770	0.022	27.785	-0.022	27.801	-0.026	27.818	-0.034
23.930	-0.017	23.950	-0.013	23.974	-0.001	24.003	-0.001	27.851	-0.035	27.862	-0.031	27.882	-0.019	27.901	-0.019
24.015	0.003	24.048	0.003	24.070	0.004	24.089	0.004	27.924	-0.016	27.943	-0.004	27.963	-0.004	27.985	-0.012
24.119	-0.011	24.137	0.007	24.157	0.027	24.173	0.011	28.003	-0.012	28.041	-0.025	28.051	-0.033	28.072	-0.029
24.175	-0.019	24.187	-0.015	24.200	-0.014	24.212	-0.010	28.089	-0.021	28.106	-0.025	28.125	-0.025	28.143	-0.013
24.223	0.006	24.234	-0.006	24.252	0.003	24.265	0.001	28.161	0.017	28.184	-0.021	28.201	-0.021	28.220	-0.013
24.279	0.001	24.285	-0.003	24.305	-0.003	24.320	0.003	28.239	-0.015	28.255	-0.017	28.271	-0.021	28.290	-0.025
24.334	0.001	24.347	0.009	24.363	0.013	24.382	0.000	28.302	-0.029	28.321	-0.025	28.348	-0.013	28.363	-0.021
24.398	-0.012	24.414	-0.028	24.427	-0.025	24.448	-0.009	28.378	-0.036	28.396	-0.021	28.416	-0.013	28.439	-0.013
24.456	-0.017	24.473	-0.017	24.485	-0.018	24.500	-0.026	28.455	-0.001	28.473	-0.001	28.485	-0.005	28.497	-0.005
24.517	-0.014	24.537	-0.007	24.558	-0.007	24.571	-0.007	28.515	-0.005	28.525	-0.005	28.546	0.003	28.563	-0.001
24.589	-0.016	24.605	-0.004	24.623	-0.004	24.642	-0.005	28.580	0.003	28.599	-0.005	28.615	-0.005	28.633	-0.013
24.659	-0.005	24.671	-0.009	24.695	-0.017	24.711	-0.018	28.651	-0.013	28.667	-0.009	28.691	-0.005	28.708	0.007
24.730	-0.018	24.752	-0.015	24.760	-0.015	24.778	-0.011	28.725	0.011	28.742	0.011	28.763	0.010	28.790	0.010
24.802	-0.011	24.812	-0.012	24.834	-0.004	24.847	-0.012	28.757	0.010	28.816	0.002	28.836	0.002	28.861	0.010
24.855	-0.012	24.877	-0.004	24.887	-0.012	24.900	-0.012	28.876	0.010	28.891	0.006	28.905	0.002	28.917	-0.010
24.915	-0.024	24.932	-0.028	24.949	-0.012	24.970	-0.008	28.931	0.001	28.945	-0.003	28.958	0.001	28.978	-0.008
24.994	-0.000	25.010	0.012	25.026	0.012	25.042	0.012	29.010	0.003	29.022	-0.025	29.046	-0.006	29.059	-0.010
25.058	0.012	25.070	0.012	25.084	0.012	25.102	0.005	29.071	0.006	29.088	0.001	29.115	-0.012	29.138	-0.017
25.119	-0.003	25.131	-0.011	25.140	-0.015	25.154	-0.023	29.154	-0.021	29.175	-0.014	29.189	-0.023	29.204	-0.027
25.173	-0.027	25.181	-0.019	25.198	-0.019	25.224	-0.007	29.217	-0.021	29.235	-0.016	29.247	-0.025	29.265	-0.033
25.238	-0.006	25.256	-0.006	25.273	0.002	25.288	-0.003	29.288	-0.018	29.303	-0.026	29.318	-0.034	29.335	-0.035
25.302	-0.007	25.317	-0.007	25.337	-0.011	25.351	-0.003	29.351	-0.023	29.365	-0.012	29.381	-0.004	29.397	-0.017
25.372	-0.003	25.384	-0.011	25.409	-0.017	25.419	-0.000	29.412	-0.017	29.422	-0.025	29.434	-0.026	29.450	-0.026
25.437	-0.012	25.454	-0.008	25.475	-0.001	25.491	-0.009	29.463	-0.027	29.474	-0.015	29.486	-0.016	29.500	-0.000
25.509	-0.018	25.524	-0.006	25.539	-0.007	25.556	-0.003	29.512	-0.008	29.532	-0.009	29.553	-0.006	29.567	-0.011
25.570	-0.008	25.585	-0.008	25.597	-0.008	25.613	-0.008	29.584	-0.008	29.602	-0.013	29.615	-0.017	29.636	-0.022
25.628	-0.004	25.648	-0.003	25.663	0.007	25.679	0.007	29.652	-0.023	29.675	-0.032	29.689	-0.025	29.701	-0.033
25.652	-0.007	25.713	0.007	25.732	-0.001	25.752	-0.001	29.707	-0.013	29.716	-0.014	29.733	-0.018	29.746	-0.014
25.769	-0.013	25.792	-0.005	25.814	-0.001	25.831	-0.001	29.762	-0.015	29.775	-0.023	29.790	-0.023	29.806	-0.032
25.846	0.007	25.867	0.005	25.883	0.007	25.901	0.012	29.825	-0.032	29.843	-0.029	29.856	-0.029	29.875	-0.033
25.916	0.012	25.933	0.008	25.952	0.008	25.972	0.004	29.892	-0.033	29.907	-0.033	29.929	-0.036	29.947	-0.040
25.989	0.005	26.009	0.013	26.030	0.013	26.050	0.017	29.964	-0.028	29.976	-0.024	29.993	-0.027	30.011	-0.031
26.068	0.017	26.094	0.014	26.111	0.010	26.131	0.017	30.027	-0.046	30.045	-0.034	30.061	-0.046	30.081	-0.041
26.151	0.006	26.172	0.002	26.188	0.010	26.204	0.018	30.094	-0.021	30.104	-0.033	30.125	-0.032	30.141	-0.032
26.229	0.007	26.258	0.006	26.271	0.006	26.280	0.002	30.160	-0.020	30.179	-0.020	30.205	-0.031	30.229	-0.023
26.295	-0.010	26.316	-0.010	26.339	-0.022	26.354	-0.014	30.253	-0.042	30.275	-0.034	30.293	-0.034	30.316	-0.034
26.372	-0.015	26.414	-0.004	26.426	0.000	26.445	-0.000	30.332	-0.030	30.345	-0.034	30.366	-0.033	30.383	-0.033
26.466	-0.001	26.480	-0.009	26.498	-0.009	26.516	-0.010	30.400	-0.029	30.424	-0.018	30.443	-0.030	30.457	-0.018
26.537	-0.014	26.562	-0.011	26.578	-0.003	26.601	-0.004	30.472	-0.026	30.491	-0.027	30.505	-0.023	30.524	-0.027
26.618	-0.000	26.630	0.003	26.662	0.007	26.671	-0.001	30.541	-0.028	30.557	-0.040	30.571	-0.048	30.590	-0.025
26.691	-0.005	26.711	-0.009	26.729	-0.021	26.748	-0.029	30.611	-0.023	30.628	-0.029	30.652	-0.037	30.667	-0.041
26.778	-0.030	26.805	-0.014	26.831	-0.003	26.850	-0.003	30.691	-0.033	30.709	-0.029	30.730	-0.033	30.745	-0.041
26.874	-0.015	26.894	0.000	26.915	-0.012	26.932	-0.016	30.768	-0.038	30.792	-0.041	30.820	-0.031	30.845	-0.042
26.955	-0.025	26.970	-0.025	26.981	-0.025	26.994	-0.025	30.861	-0.038	30.881	-0.041	30.906	-0.036	30.924	-0.038
27.010	-0.026	27.028	-0.022	27.051	-0.026	27.070	-0.026	30.946	-0.033	30.968	-0.048	30.993	-0.022	31.019	-0.029
27.090	-0.019	27.110	-0.011	27.127	0.001	27.150	-0.011	31.038	-0.036	31.056	-0.046	31.073	-0.045	31.085	-0.017
27.164	-0.003	27.179	0.001	27.194	0.001	27.214	-0.011	31.101	-0.021	31.121	-0.021	31.145	-0.030	31.167	-0.037
27.231	0.001	27.245	-0.007	27.274	-0.003	27.285	-0.019	31.184	-0.044	31.205	-0.043	31.225	-0.030	31.244	-0.038
27.299	-0.011	27.311	0.001	27.325	-0.002	27.338	-0.006	31.265	-0.037	31.285	-0.016	31.306	-0.015	31.325	-0.014
27.352	-0.010	27.366	-0.014	27.381	-0.014	27.396	-0.013	31.349	-0.033	31.365	-0.033	31.391	-0.028	31.417	-0.043
27.410	-0.009	27.421	-0.009	27.437	-0.016	27.463	-0.016	31.432	-0.030	31.452	-0.043	31.476	-0.063	31.496	-0.032
27.482	-0.016	27.496	-0.015	27.519	-0.015	27.536	-0.015	31.513	-0.037	31.533	-0.030	31.554	-0.030	31.568	-0.022
27.557	-0.015	27.575	-0.015	27.587	-0.015	27.604	-0.015	31.588	-0.019	31.606	-0.034	31.622	-0.024	31.639	-0.030

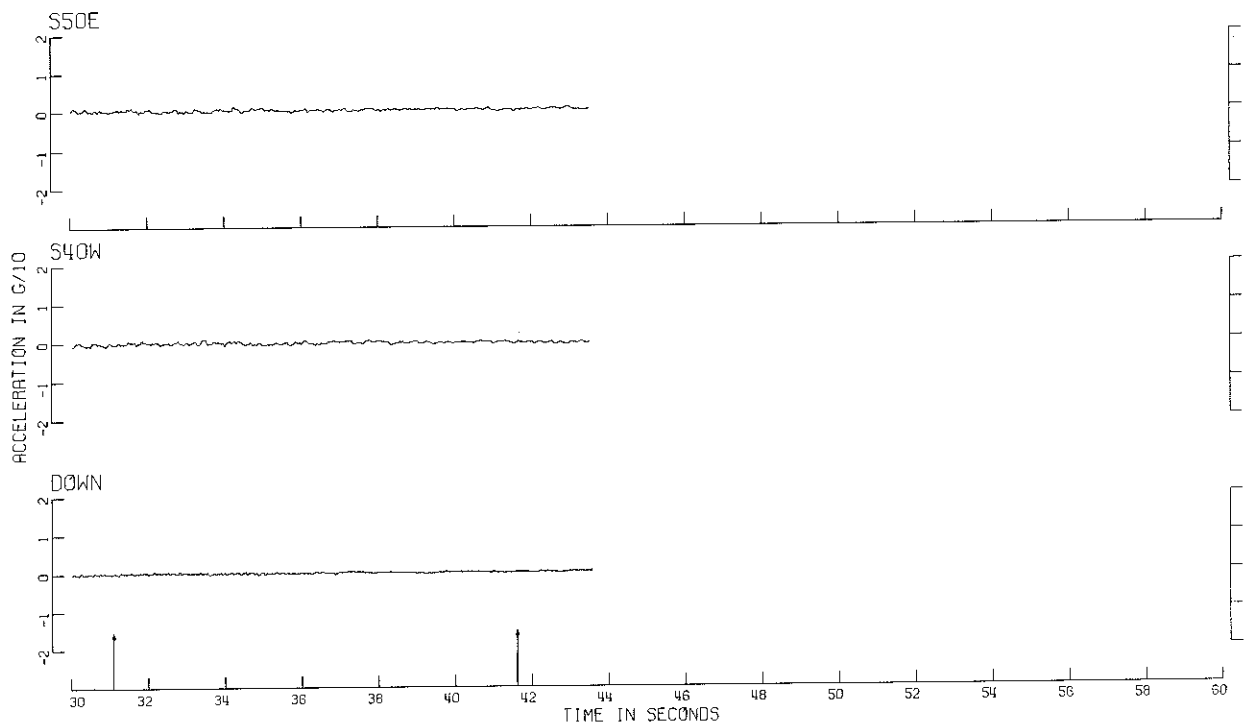
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31.704	-0.020	31.709	-0.016	31.734	-0.019	31.759	-0.021	31.791	-0.013	31.831	-0.015	31.866	-0.017	31.902	-0.018
31.761	-0.011	31.768	-0.009	31.821	-0.010	31.842	-0.016	31.937	-0.015	31.960	-0.018	31.984	-0.022	31.991	-0.018
31.856	-0.014	31.876	-0.009	31.893	-0.016	31.917	-0.019	31.924	-0.018	31.945	-0.008	31.964	-0.003	31.985	-0.014
31.944	-0.013	31.970	-0.008	31.992	-0.022	32.016	-0.025	32.024	-0.024	32.043	-0.013	32.061	-0.016	32.074	-0.012
32.040	-0.030	32.069	-0.022	32.097	-0.022	32.124	-0.023	32.143	-0.003	32.165	-0.010	32.181	-0.010	32.197	-0.008
32.152	-0.027	32.184	-0.027	32.227	-0.026	32.266	-0.022	32.347	-0.008	32.394	-0.010	32.420	-0.009	32.462	-0.008
32.500	-0.024	32.533	-0.022	32.558	-0.016	32.592	-0.013	32.608	-0.009	32.642	-0.006	32.681	-0.024	32.714	-0.024
32.426	-0.010	32.452	-0.008	32.480	-0.014	32.510	-0.021	32.565	-0.023	32.606	-0.021	32.642	-0.015	32.681	-0.005
32.554	-0.015	32.587	-0.020	32.631	-0.021	32.670	-0.026	32.754	-0.012	32.831	-0.018	32.872	-0.024	32.910	-0.014
32.694	-0.027	32.726	-0.038	32.760	-0.037	32.774	-0.029	32.896	-0.007	32.956	-0.008	33.024	-0.008	33.062	-0.008
32.807	-0.016	32.839	-0.007	32.871	-0.011	32.897	-0.019	32.931	-0.014	32.962	-0.013	33.011	-0.021	33.053	-0.024
32.923	-0.015	32.953	-0.016	32.985	-0.028	33.035	-0.026	33.103	-0.015	33.128	-0.013	33.161	-0.021	33.193	-0.015
33.013	-0.018	33.061	-0.013	33.110	-0.018	33.163	-0.019	33.231	-0.017	33.262	-0.013	33.289	-0.014	33.328	-0.015
33.184	-0.013	33.212	-0.013	33.241	-0.013	33.272	-0.018	33.345	-0.012	33.378	-0.018	33.443	-0.020	33.463	-0.028
33.325	-0.018	33.365	-0.013	33.395	-0.011	33.435	-0.010	33.455	-0.012	33.538	-0.008	33.562	-0.021	33.624	-0.021
33.467	-0.005	33.500	-0.010	33.538	-0.007	33.575	-0.019	33.778	-0.018	33.804	-0.018	33.825	-0.026	33.856	-0.022
33.606	-0.018	33.648	-0.025	33.682	-0.025	33.717	-0.021	33.889	-0.023	33.917	-0.015	33.945	-0.021	33.976	-0.023
33.740	-0.020	33.784	-0.035	33.806	-0.021	33.825	-0.020	33.958	-0.030	34.020	-0.030	40.047	-0.021	40.076	-0.011
33.825	-0.020	33.868	-0.035	33.914	-0.032	33.961	-0.032	40.164	-0.020	40.123	-0.028	40.148	-0.020	40.178	-0.023
34.014	-0.028	34.056	-0.030	34.073	-0.029	34.120	-0.027	40.207	-0.026	40.235	-0.026	40.257	-0.025	40.341	-0.021
34.149	-0.031	34.182	-0.023	34.197	-0.024	34.226	-0.027	40.386	-0.023	40.443	-0.025	40.443	-0.025	40.488	-0.034
34.252	-0.031	34.282	-0.023	34.304	-0.023	34.326	-0.027	40.538	-0.027	40.571	-0.033	40.597	-0.024	40.631	-0.026
34.352	-0.022	34.383	-0.021	34.406	-0.025	34.426	-0.025	40.667	-0.025	40.703	-0.013	40.724	-0.024	40.753	-0.028
34.457	-0.028	34.490	-0.027	34.522	-0.027	34.538	-0.039	40.779	-0.031	40.816	-0.030	40.847	-0.021	40.884	-0.027
34.559	-0.035	34.580	-0.035	34.611	-0.026	34.635	-0.025	40.936	-0.042	40.966	-0.041	41.003	-0.040	41.042	-0.039
34.669	-0.023	34.699	-0.026	34.726	-0.024	34.759	-0.020	41.057	-0.027	41.089	-0.014	41.112	-0.013	41.148	-0.031
34.856	-0.016	34.882	-0.012	34.845	-0.012	34.867	-0.020	41.181	-0.029	41.220	-0.021	41.257	-0.019	41.280	-0.019
34.993	-0.014	35.029	-0.009	35.062	-0.013	35.090	-0.017	41.314	-0.046	41.344	-0.038	41.379	-0.014	41.416	-0.018
35.125	-0.020	35.154	-0.023	35.192	-0.018	35.232	-0.010	41.473	-0.016	41.513	-0.015	41.554	-0.013	41.593	-0.015
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35.345	-0.023	35.375	-0.013	35.397	-0.016	35.423	-0.021	41.839	-0.004	41.898	-0.008	41.960	-0.012	42.017	-0.016
35.459	-0.007	35.496	-0.001	35.530	-0.000	35.548	-0.001	42.071	-0.011	42.132	-0.016	42.192	-0.010	42.236	-0.012
35.586	-0.006	35.611	-0.018	35.625	-0.018	35.643	-0.006	42.280	-0.025	42.354	-0.027	42.404	-0.026	42.470	-0.024
35.669	-0.003	35.698	-0.001	35.720	-0.007	35.751	-0.010	42.538	-0.025						
35.778	-0.006	35.802	-0.002	35.826	-0.005	35.848	-0.003								
35.877	-0.001	35.903	-0.004	35.929	-0.003	35.952	-0.007								
35.990	-0.006	36.018	-0.010	36.051	-0.003	36.080	-0.004								
36.105	-0.012	36.129	-0.012	36.157	-0.022	36.184	-0.012								
36.209	-0.022	36.225	-0.028	36.255	-0.015	36.278	-0.006								
36.300	-0.004	36.319	-0.011	36.343	-0.003	36.364	-0.010								
36.389	-0.018	36.415	-0.013	36.443	-0.009	36.465	-0.009								
36.489	-0.009	36.506	-0.017	36.508	-0.017	36.537	-0.005								
36.578	-0.012	36.619	-0.020	36.646	-0.015	36.667	-0.007								
36.693	-0.002	36.713	-0.013	36.725	-0.021	36.759	-0.016								
36.786	-0.011	36.822	-0.013	36.850	-0.008	36.870	-0.004								
36.856	-0.008	36.923	-0.012	36.952	-0.012	36.978	-0.007								
36.955	-0.011	37.021	-0.013	37.047	-0.007	37.075	-0.009								
37.101	-0.010	37.125	-0.004	37.150	-0.001	37.180	-0.011								
37.200	-0.008	37.223	-0.001	37.249	-0.006	37.280	-0.009								
37.304	-0.005	37.330	-0.013	37.367	-0.005	37.385	-0.001								
37.415	-0.010	37.444	-0.011	37.462	-0.015	37.482	-0.015								
37.458	-0.001	37.526	-0.003	37.550	-0.003	37.588	-0.002								
37.608	-0.005	37.636	-0.005	37.663	-0.004	37.676	-0.003								
37.688	-0.007	37.705	-0.011	37.712	-0.015	37.717	-0.019								

IN185 71.066 2/9/71 0600PST CARBON CANYON DAM

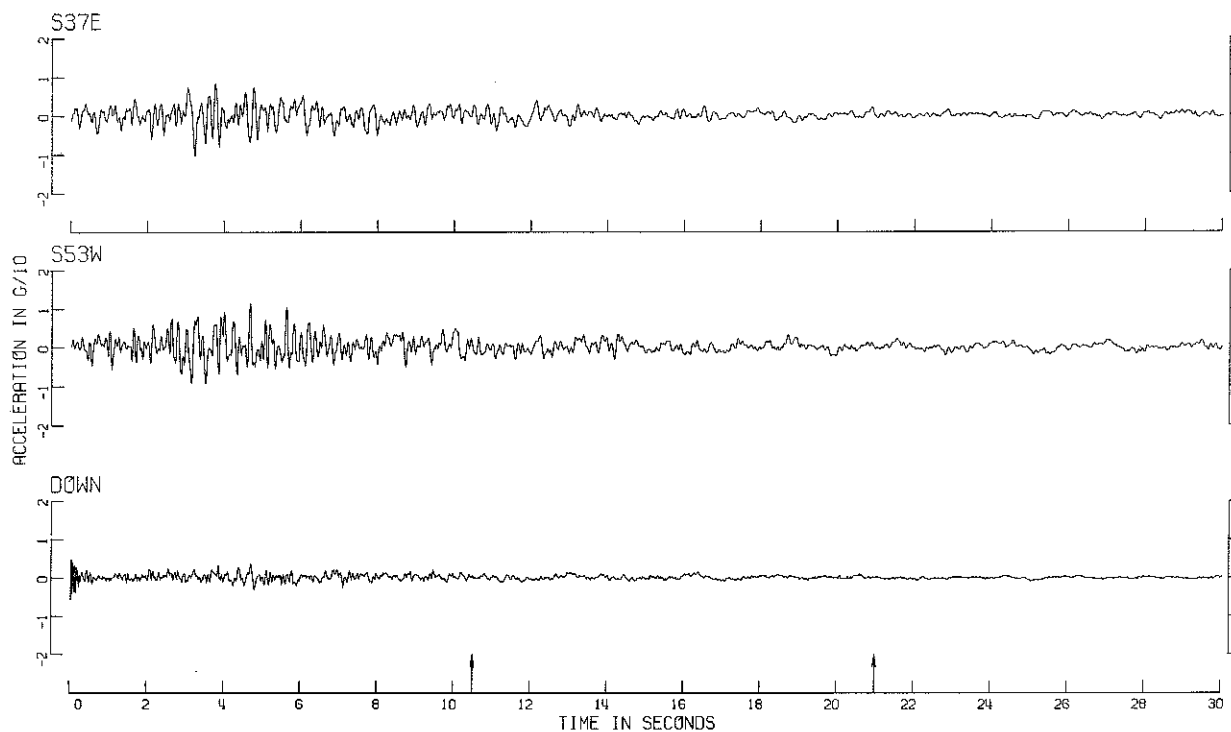


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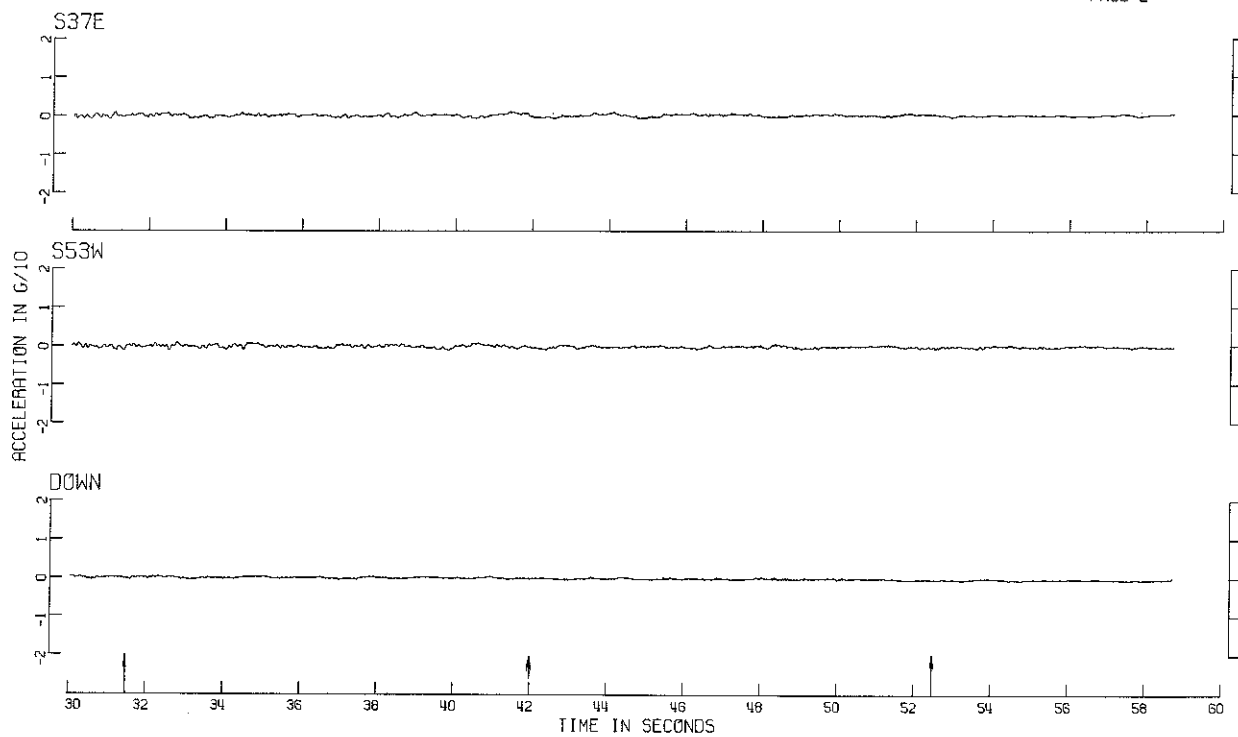


IN186 71.067 2/9/71 0600PST WHITTER NARROWS DAM



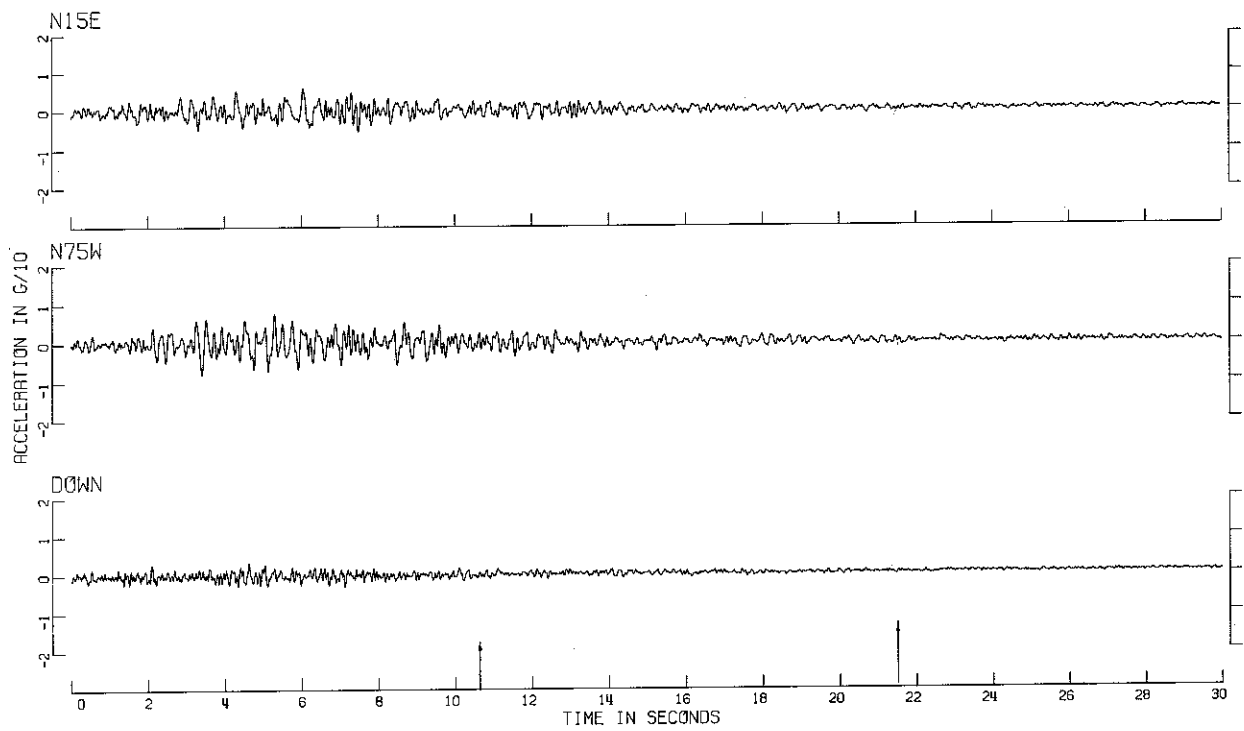
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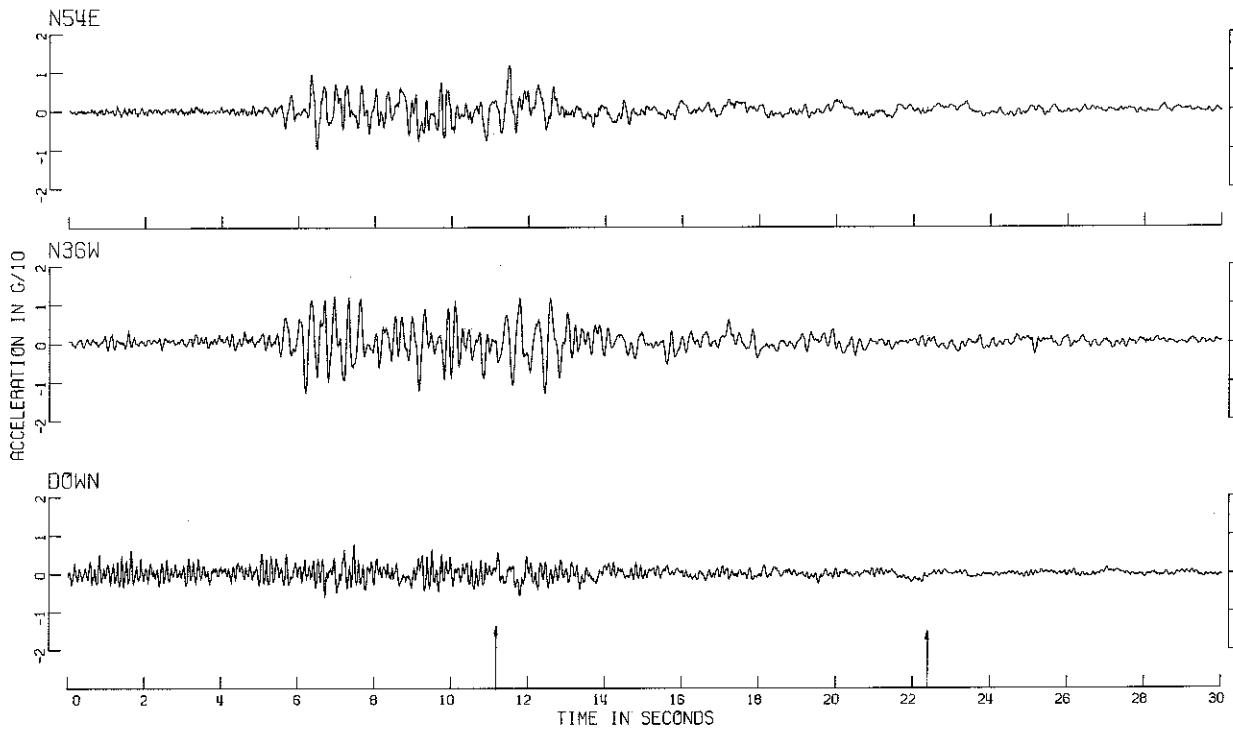




IN187 71.068 2/9/71 0600PST SAN ANTONIO DAM, SAN ANTONIO DAM

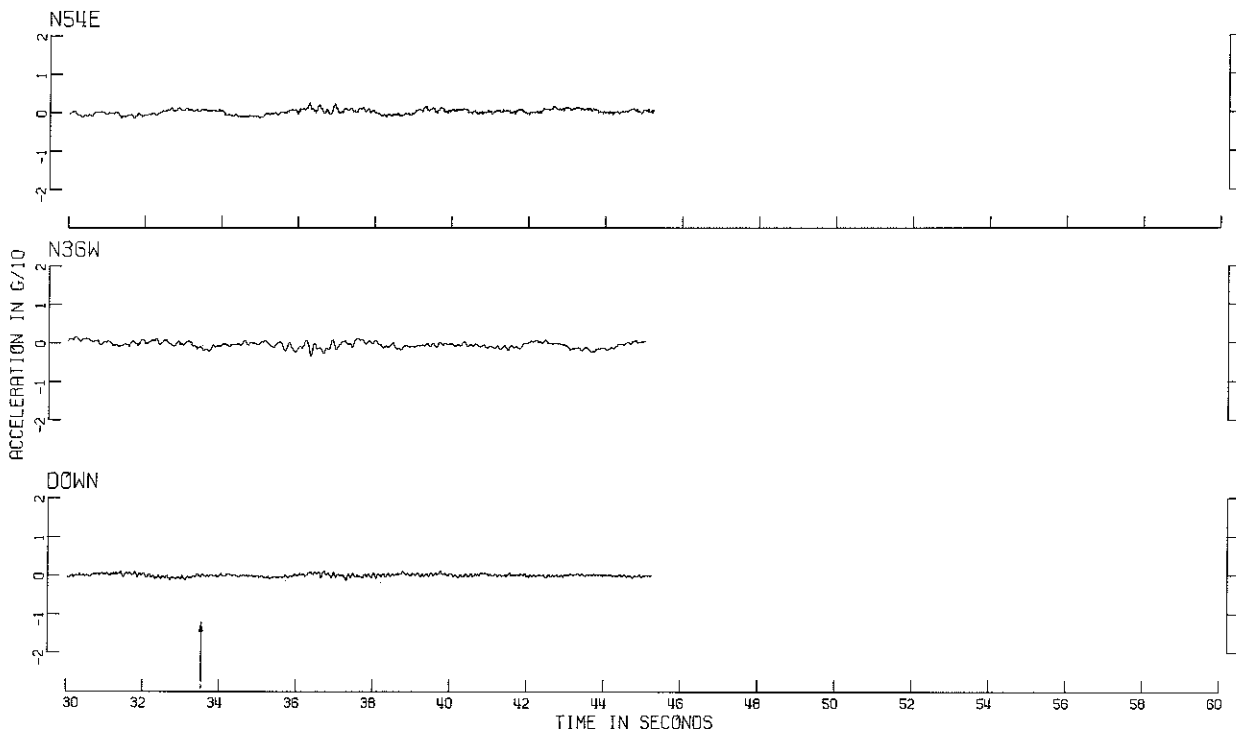


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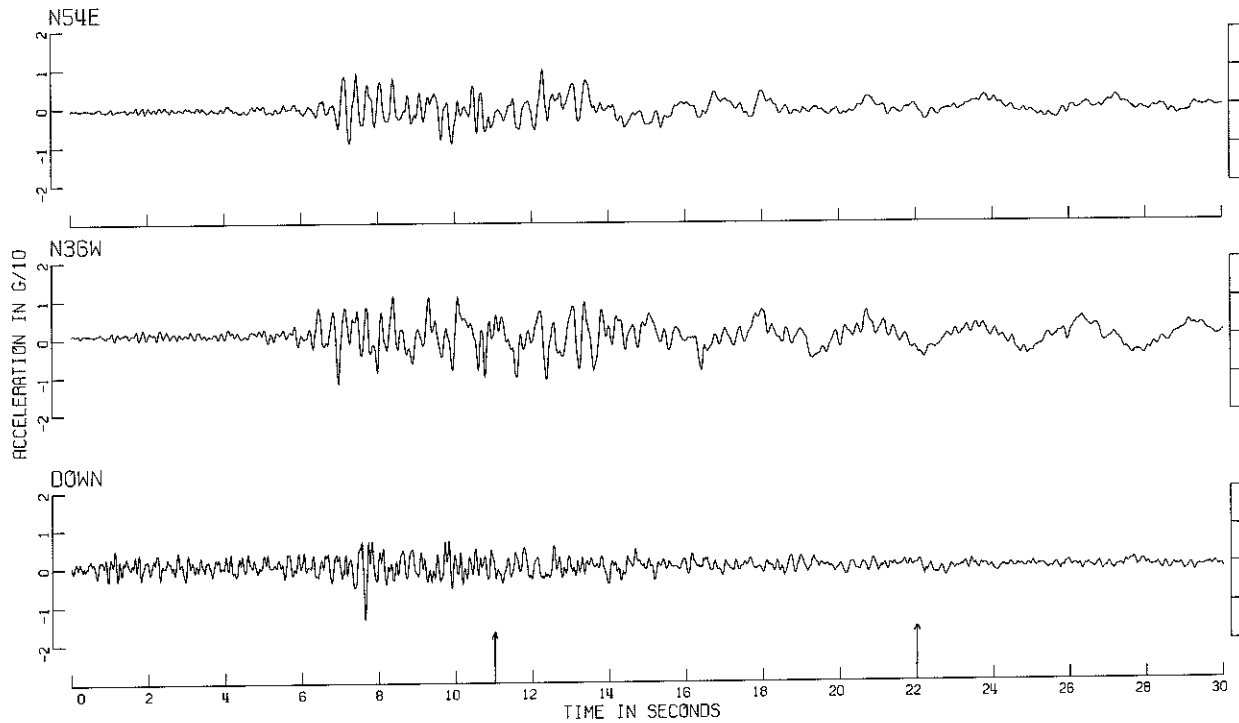


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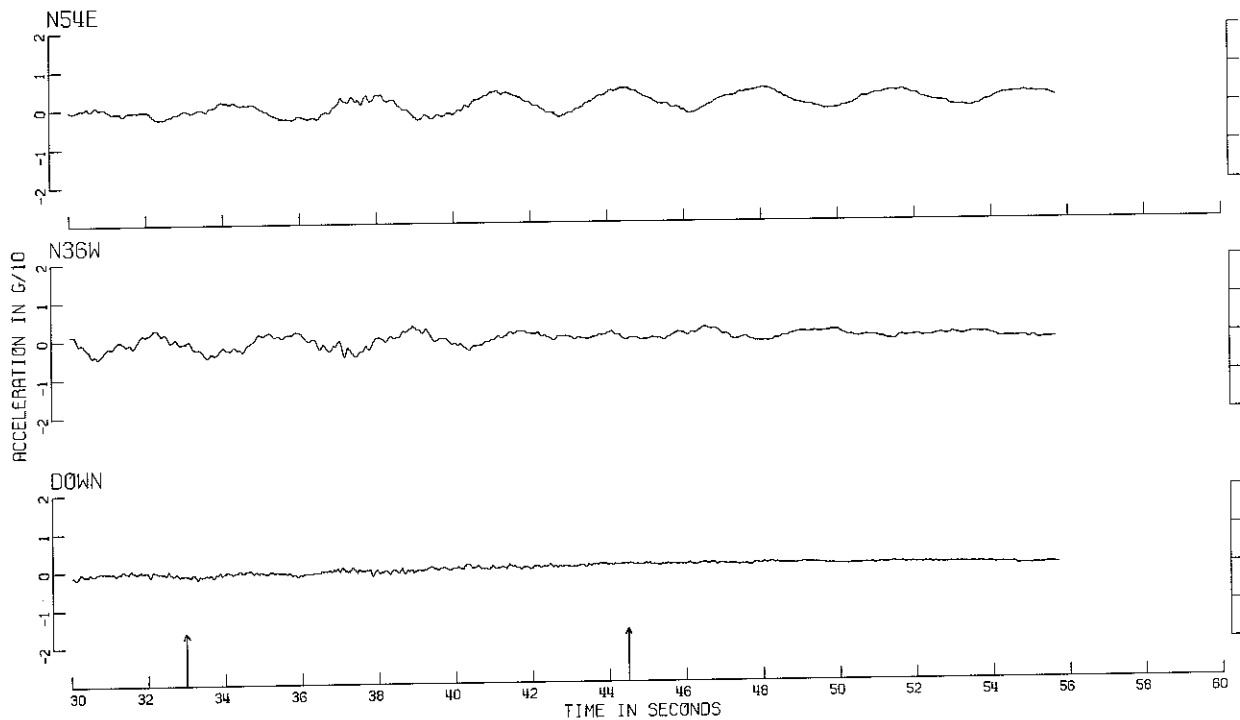


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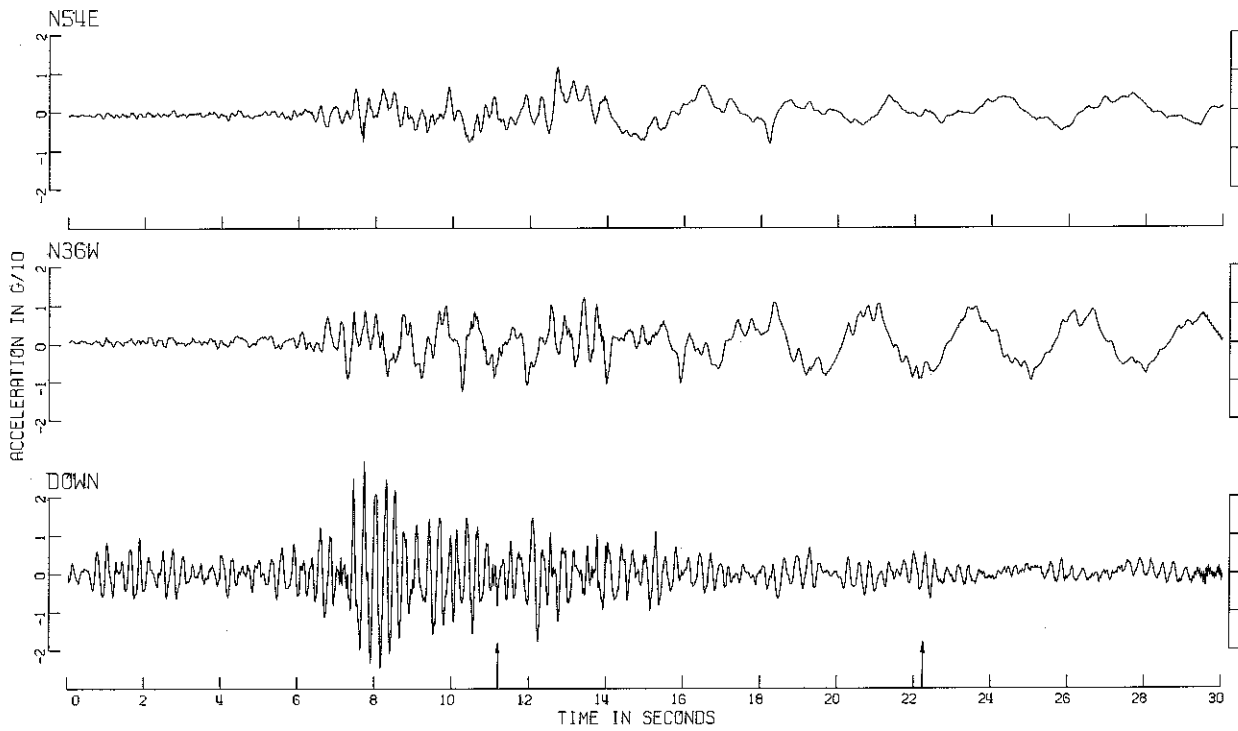


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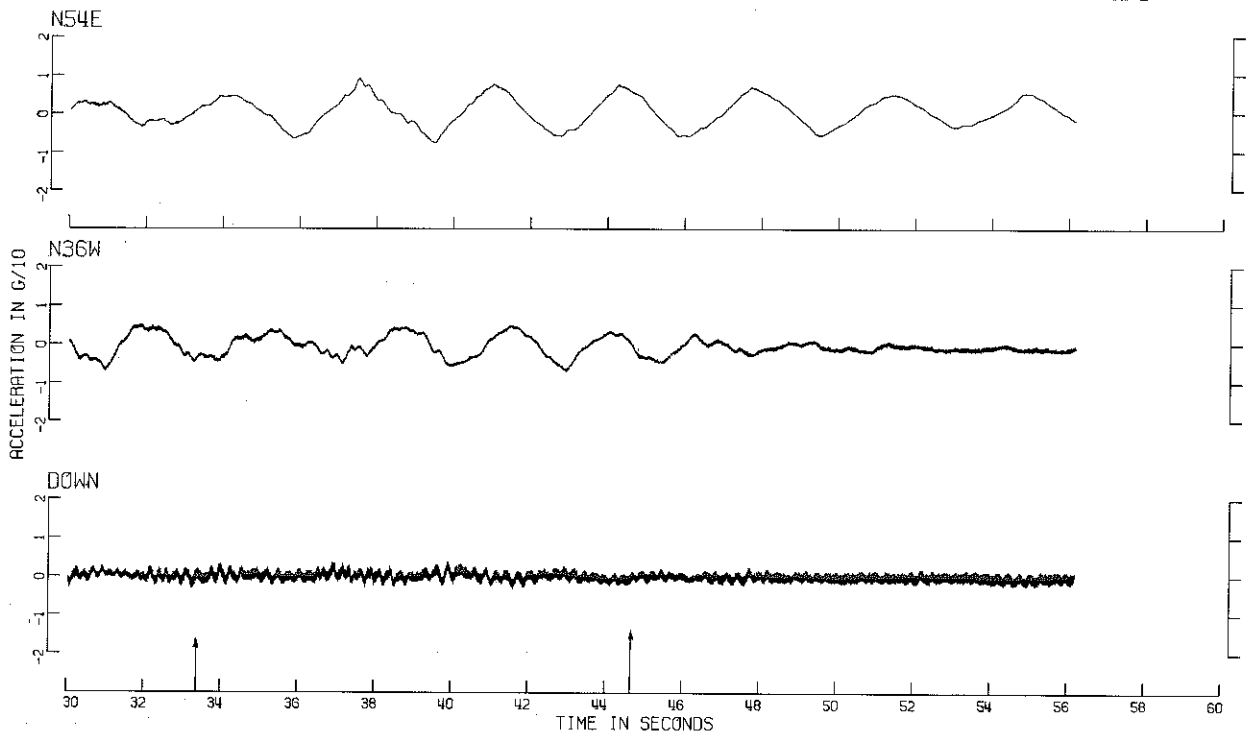


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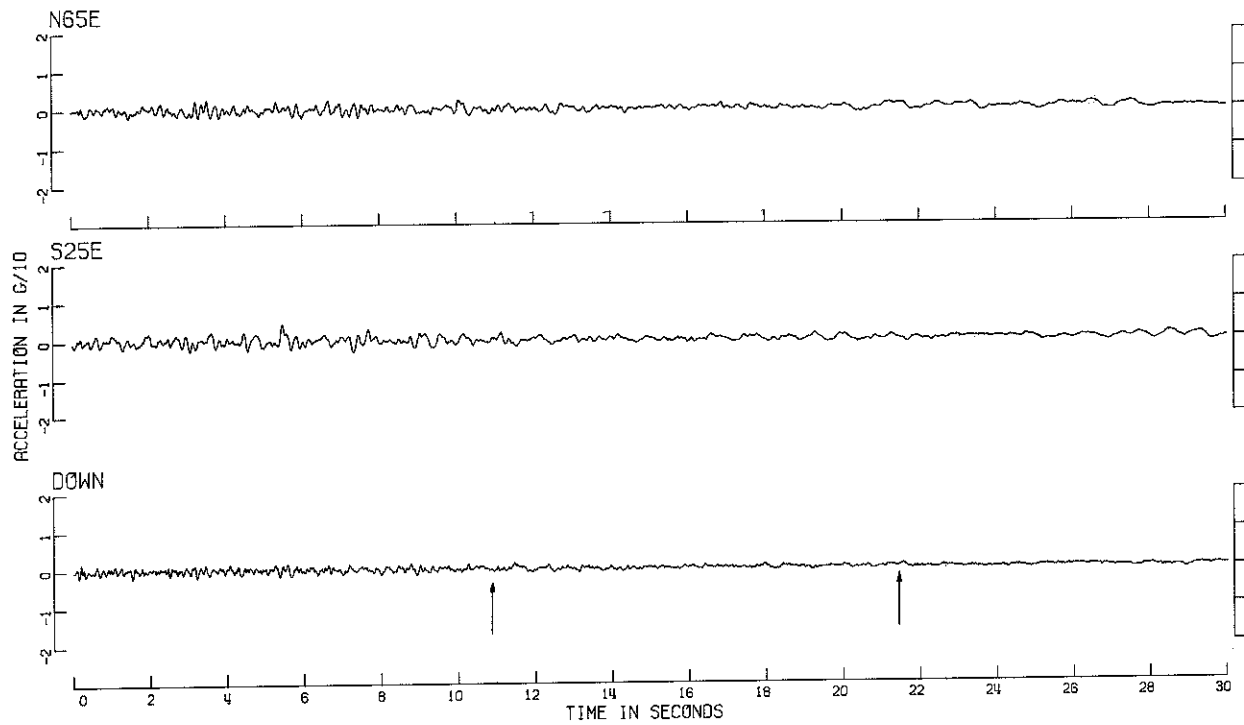


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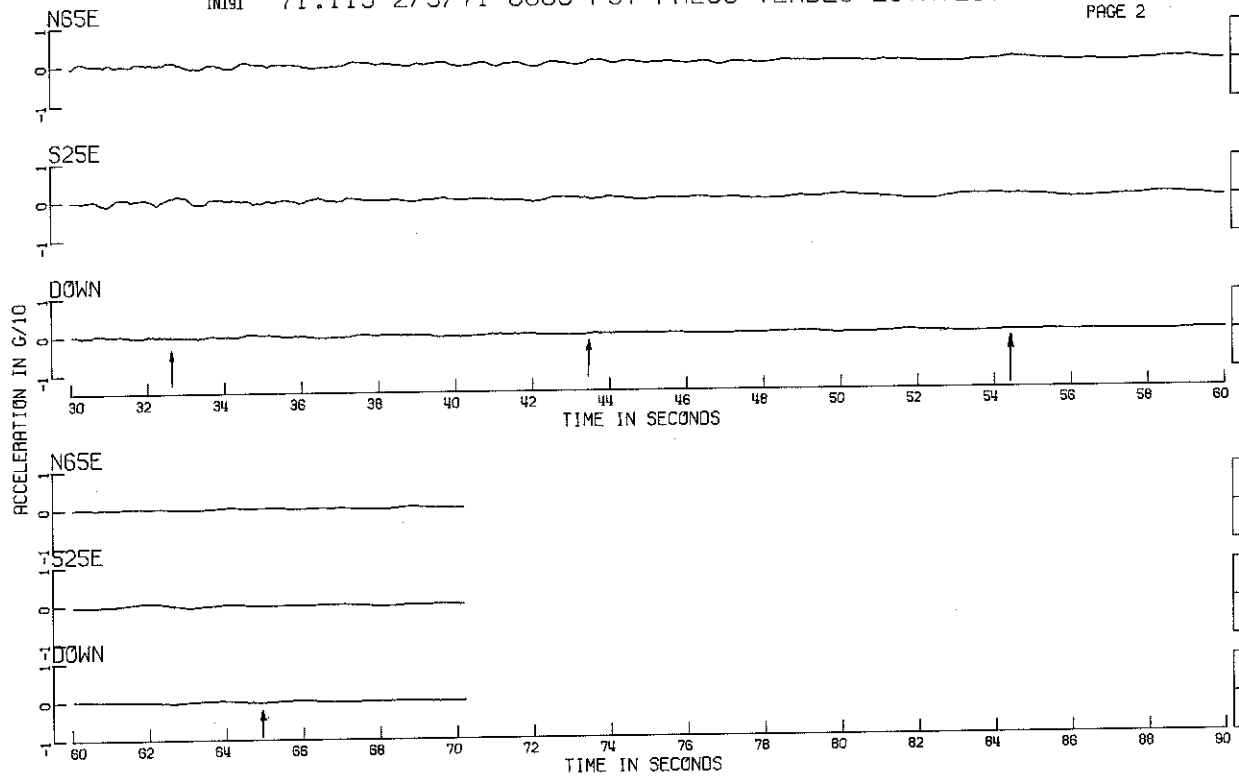


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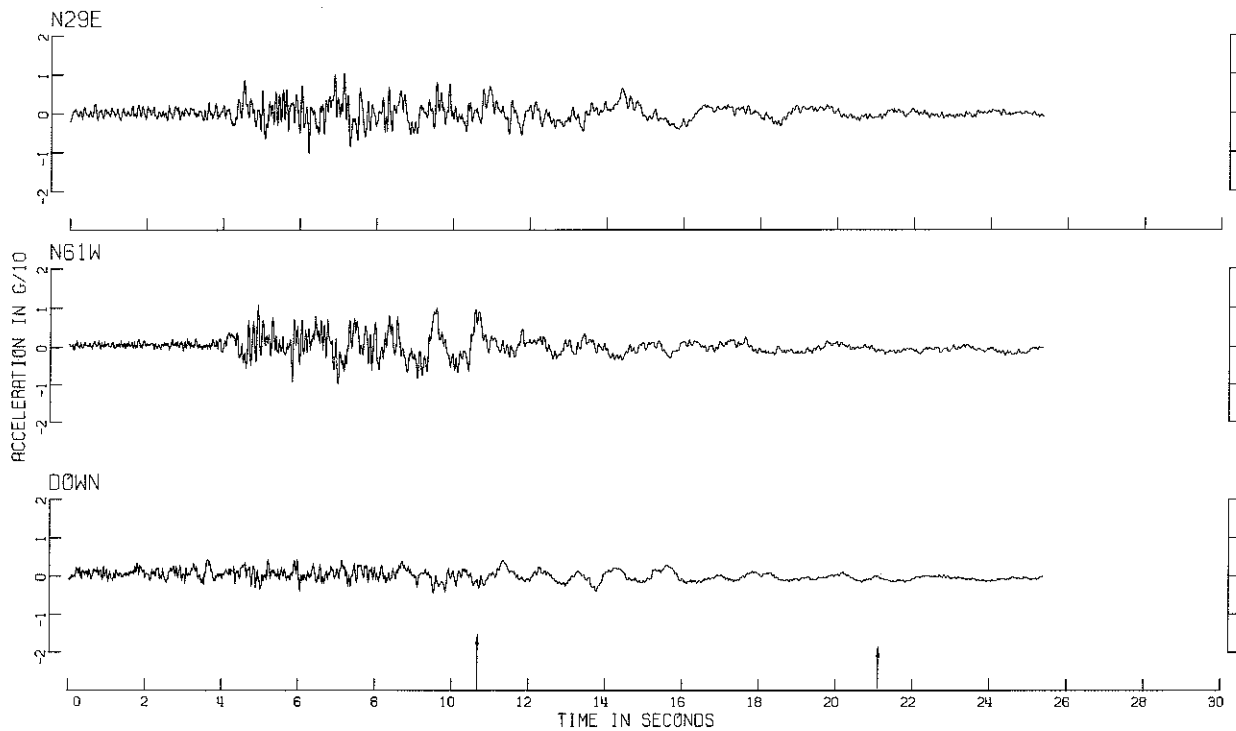


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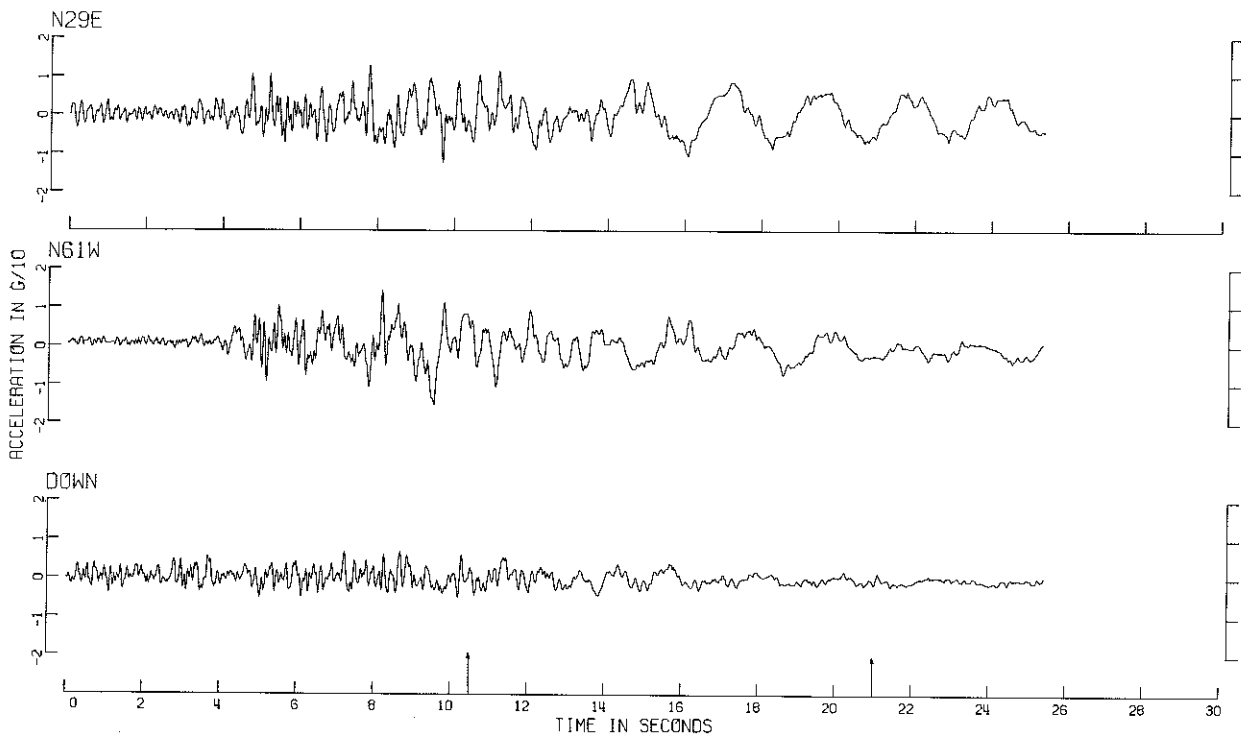
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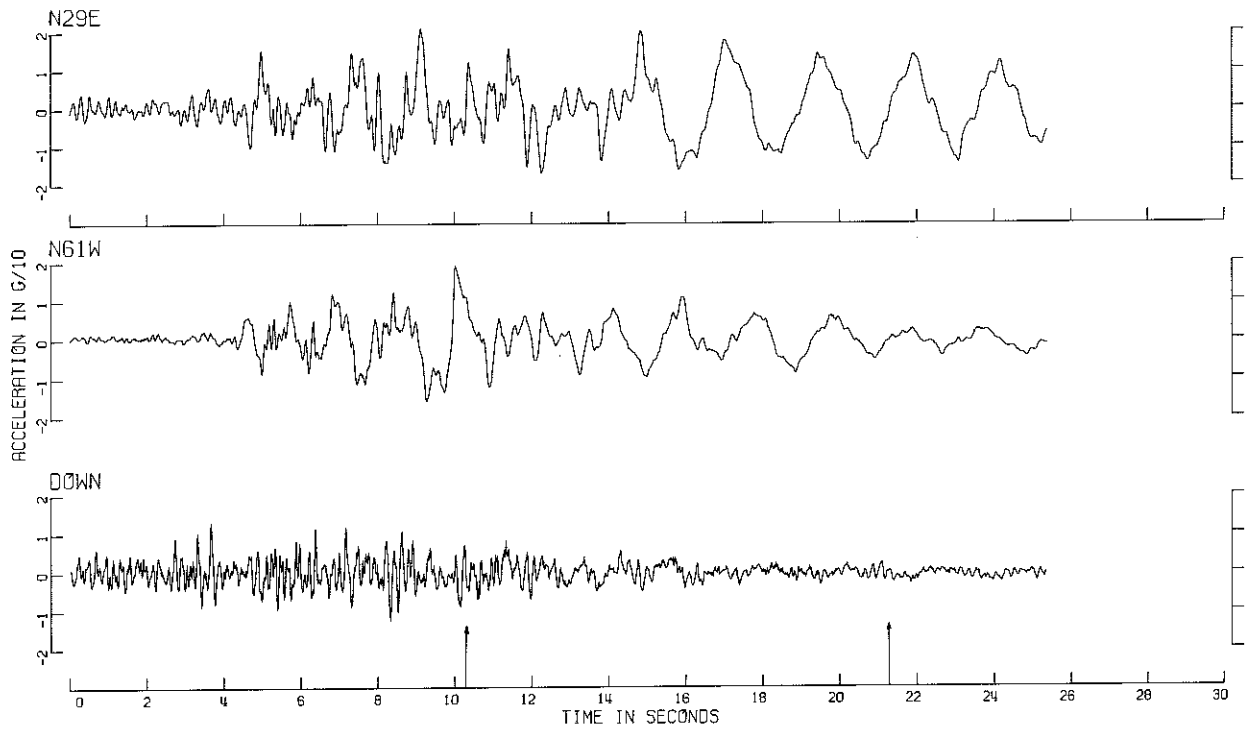
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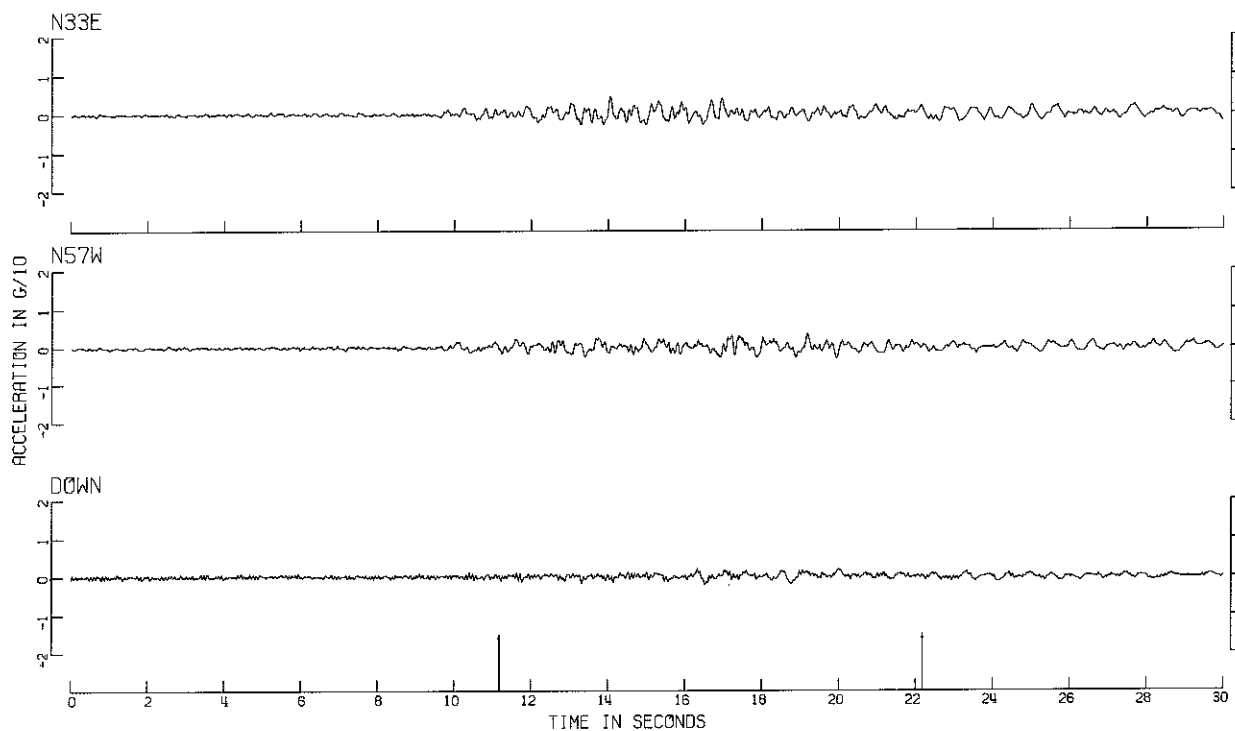
IN193 71.130 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. 8TH FLOOR



IN194 71.131 2/9/71 0600PST L.A. 2500 WILSHIRE BLVD. ROOF

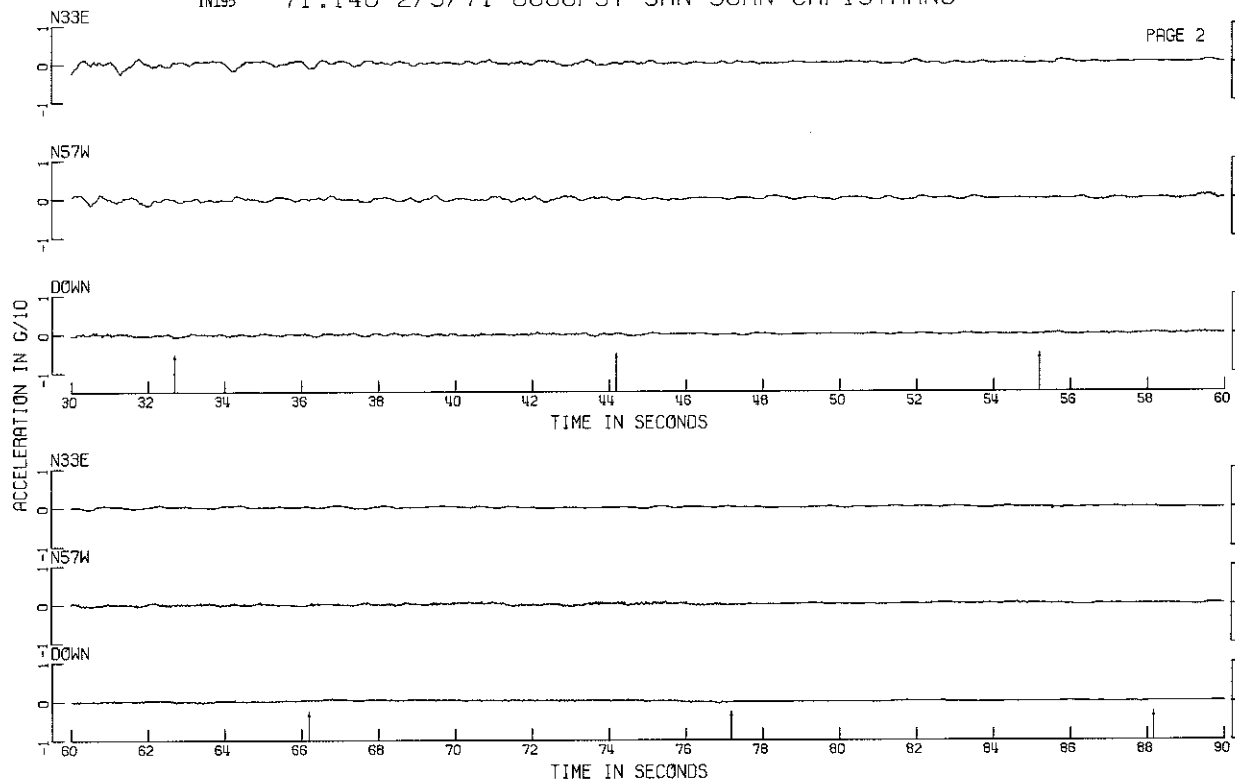


IN195 71.140 2/9/71 0600PST SAN JUAN CAPISTRANO



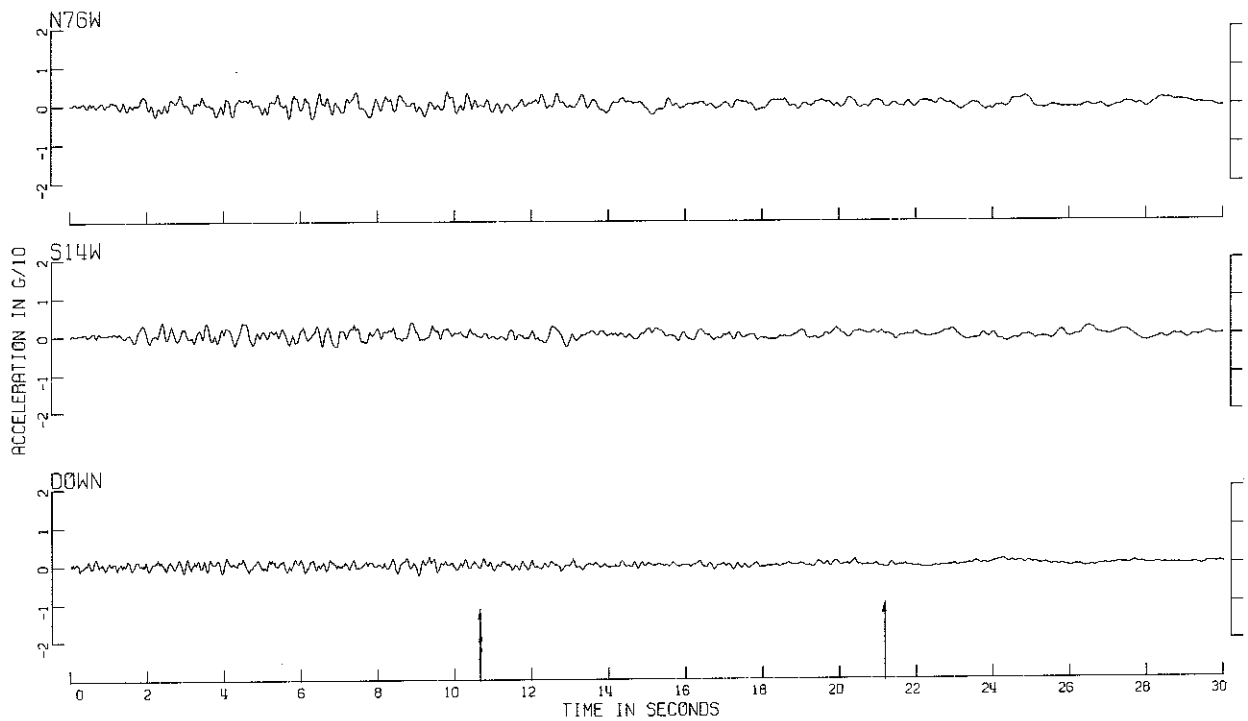
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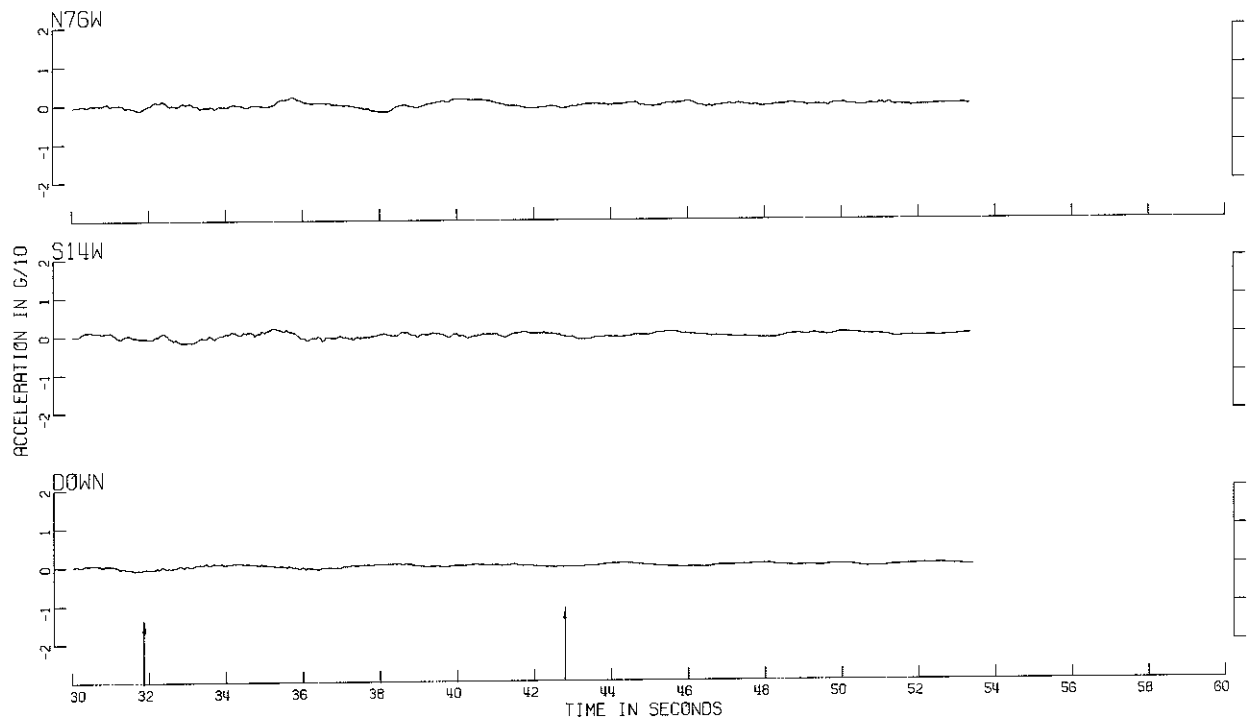


IN196 71.141 2/9/71 0600PST LONG BEACH STATE COLLEGE GD. LEVEL

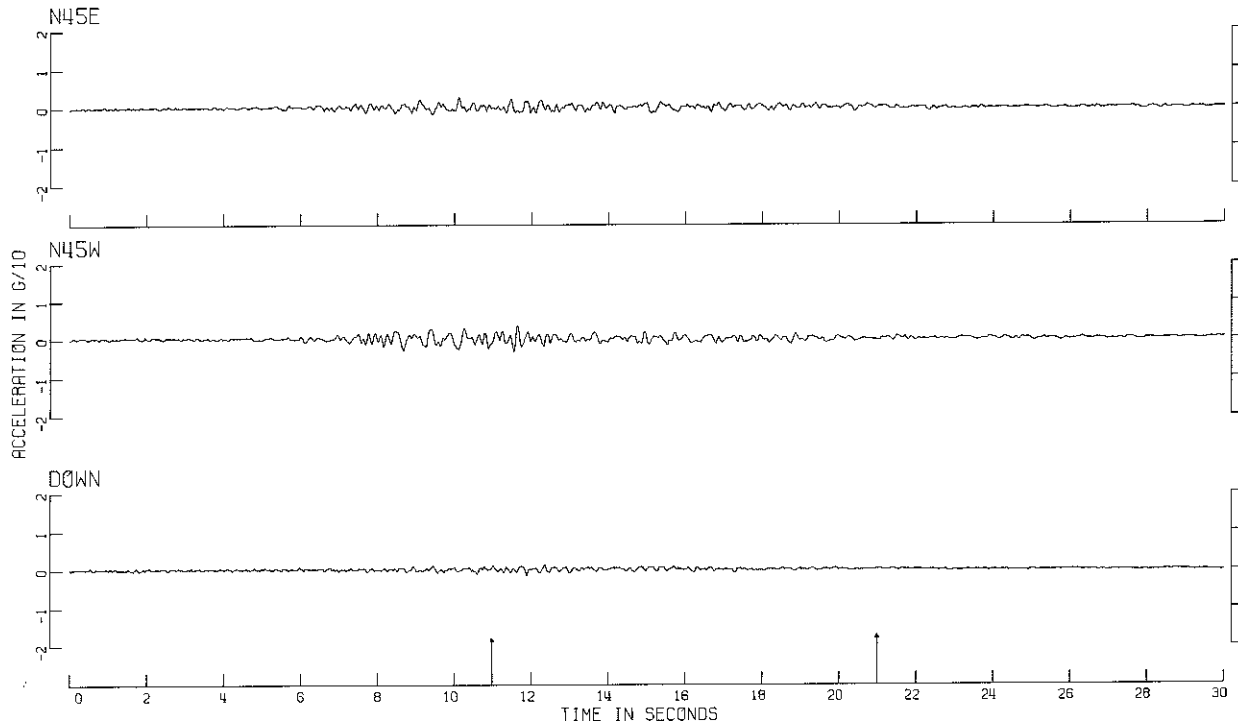


IN196 71.141 2/9/71 0600PST LONG BEACH STATE COLLEGE GD. LEVEL

PAGE 2

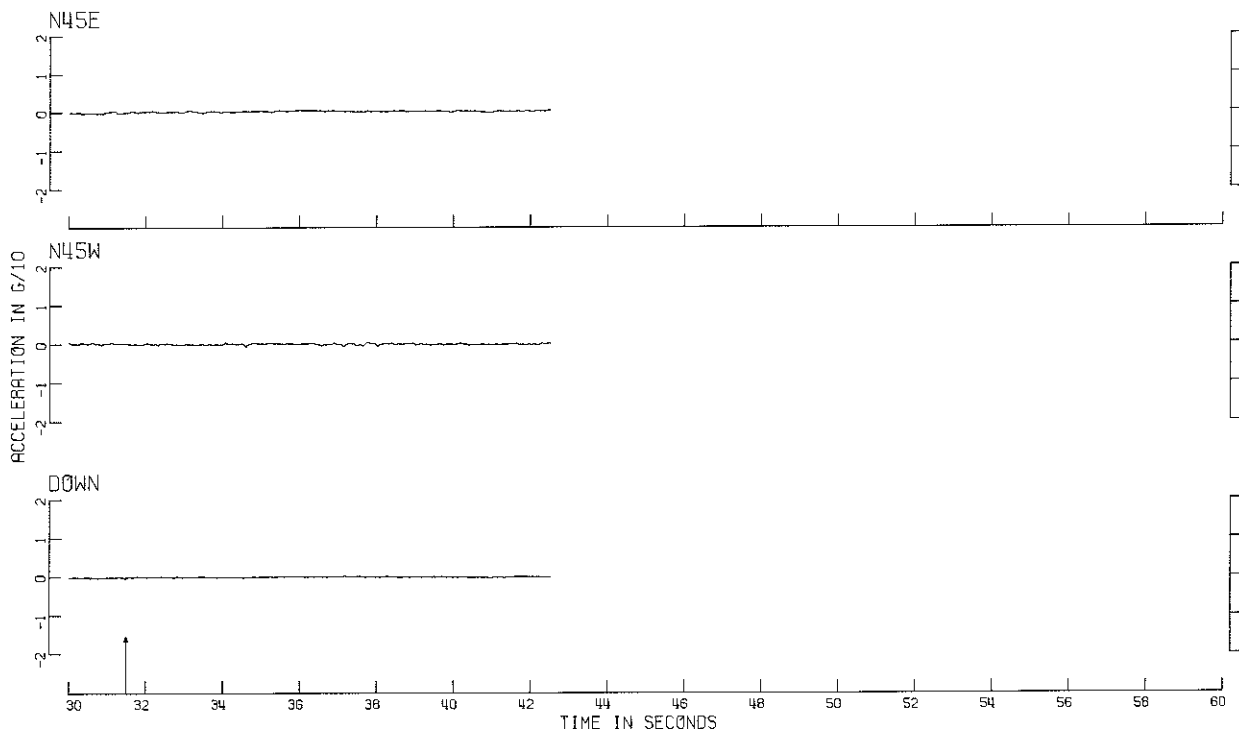


IN197 71.229 2/9/71 0600PST ANZA POST OFFICE STORAGE ROOM ANZA



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California Institute of Technology  
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22151:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol.I, Part A)	PB-187 847
EERL 70-21	" " (Vol.I, Part B)	PB-196 823
EERL 71-20	" " (Vol.I, Part C)	PB-204 364
EERL 71-21	" " (Vol.I, Part D)	PB-208 529
EERL 71-22	" " (Vol.I, Part E)	PB-209 749
EERL 71-23	" " (Vol.I, Part F)	PB-210 619
EERL 72-20	" " (Vol.I, Part G)	PB-211 357
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EERL 72-24	" " (Vol.I, Part K)	PB-213 424
EERL 72-25	" " (Vol.I, Part L)	PB-215 639
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol.II, Part A)	PB-208 283
EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra (Vol.III, Part A)	PB-212 602
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra (Vol.IV, Part A)	PB-212 603
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971	PB-204 198
EERL 71-01	P. C. Jennings <u>et al</u> , Forced Vibration of a 22-Story Steel Frame Building	PB-205 161
EERL 71-02	P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake	PB-202 550
EERL 71-03	Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation	PB-205 304
EERL 71-04	Jacobo Bielak, Earthquake Response of Building-Foundation Systems	PB-205 305

EERL 71-05	M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms	PB-205 369
EERL 71-06	Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams	PB-205 267
EERL 71-07	John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings	PB-207 635
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DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire	PB-213 256
EERL 72-04	J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake	PB-215 823